MED RSS SURVEILLANCE SYSTEM

USER MANUAL

V1.1.0 01.2015

PRECAUTIONS

- The contents of this manual may change due to product upgrades or for other reasons.
- We have the right to make changes of the contents without notice.
- This user manual is for reference only, subject to available products. This manual may contain inaccurate data or printing error. We reserve the right to interpret the details of this manual.

PERFACE

MED RSS Surveillance System User Manual introduces the software features and configuration operation of MED RSS. Please go through this user manual before operating.

Agreements

1. Symbols:

Index	Meaning
[]	"[]" refers interface, menu and data sheet, e.g. "[Add User] interface"
【】	"【】" refers button, e.g. "click【OK】"

Form 0-1

Important note: make some complement explanation to the contents.

Warning: prompt the warning in order to avoid damage caused by improper operation.

Note: prompt operation notes in order to avoid data loss and device damage caused by improper operation.

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TABLE OF CONTENTS

1 **INTRODUCTION** 1
1.1 SUMMARY 1
1.2 RUNTIME ENVIRONMENT 1
2 **INSTALLATION** 3
2.1 WINDOWS OPERATION SYSTEM 3
3 **LOGIN AND INTERFACES** 6
3.1 LOGIN 6
3.2 INTERFACE 7
3.3 QUICK GUIDE 13
4 **FUNCTIONS** 19
4.1 MONITOR 19
4.2 QUERY 27
4.3 ALARM 40
4.4 PTZ CONTROL 53
4.5 MONITOR PROJECT 58
4.6 EMAP 63
4.7 DEVICE STATE 66
4.8 USE-DEFINED TOOL 66
4.9 DEVICE RUNNING 67
4.10 UPPER RIGHT ICONS 68
4.11 CPU & NETWORK 69
4.12 DATE & ALARM & LOG 69
5 **SYSTEM SETTINGS** 70
5.1 LOG 70
5.2 LOCAL SET 71
5.3 ADMIN CONFIG 78
5.4 INPUT/OUTPUT 90
5.5 MODIFY PASSWORD 90
6 **APPENDIX A** 91
6.1 FAQ 91

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1 INTRODUCTION

1.1 SUMMARY

The **MED RSS** software performs as a professional surveillance system you can use on your PC workstation, which supports multi-user, multi-window & multilingual display, voice talk, EMap, alarm, etc. MED RSS is compatible with various access devices. This is a stable, reliable and easy operation system.

1.2 RUNTIME ENVIRONMENT

Hardware minimum requirements:

- CPU: **P4/2.0GHz**
- Memory: **512MB**
- Graphics Resolution: **1024*768 and ≥128M memory (support DirectX 8.0 and higher grade)**
- Hard Disk: **300MB free space**
- Network transmission: **10/100Mbps Ethernet, consistent with TCP/IP or UDP/IP protocol**

Software minimum requirements:

- Operation system: **Windows XP SP2, Windows 2000, Windows 2003, Windows Vista, win7（run by "Administrator" in Vista and win7），Mac OS**
- Graphics drive installed

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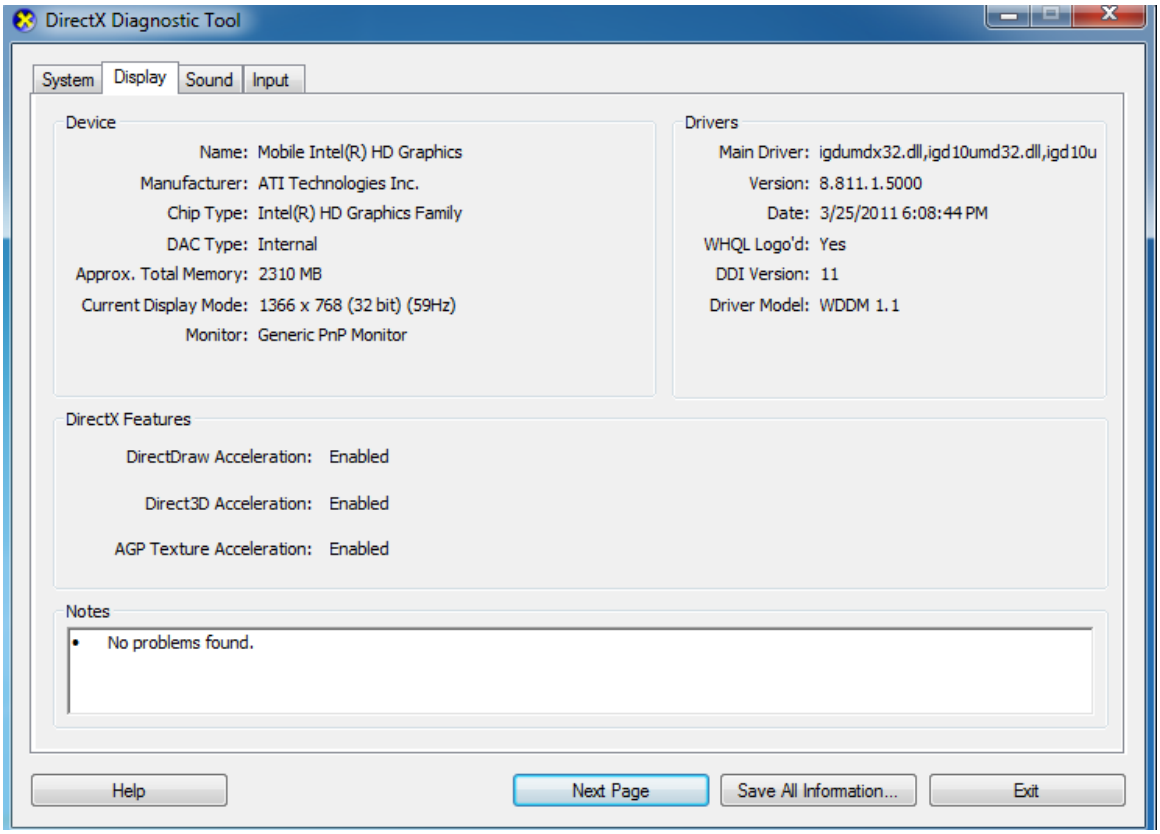
Important note: enable “DirectX”, set the “hardware speed up” to ‘high’



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2 INSTALLATION

2.1 WINDOWS OPERATION SYSTEM

1. Double left click “MED RSS_20141013.exe” to install this program.

2. Complete the installation following the guide, see “Diagram 2-1” to “Diagram 2-5”

Step1: click “Next (N)”, see “Diagram 2-1 ”

MED RSS Setup
Welcome
Welcome to the installer for MED RSS 1.33.
It is strongly recommended that you exit all Windows programs before continuing with this installation.
If you have any other programs running, please click Cancel, close the programs, and run this setup again.
Otherwise, click Next to continue.
< Back
Next >
Cancel

Diagram 2-1

Step2: click “Next (N)”after select a install path, the default installation path is **“C:\Program Files\MED RSS”**. See ”Diagram 2-2”

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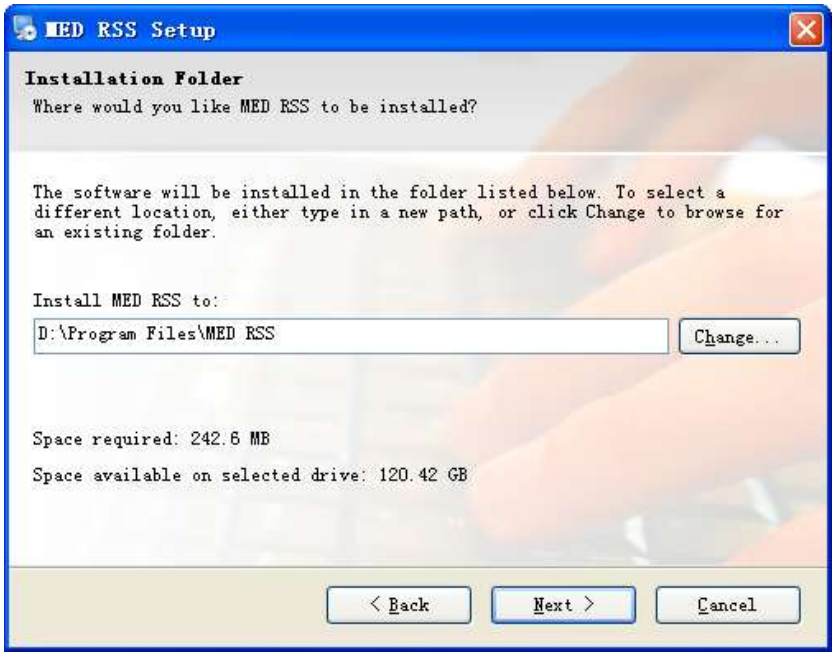
MED RSS Setup
Installation Folder
Where would you like MED RSS to be installed?
The software will be installed in the folder listed below. To select a different location, either type in a new path, or click Change to browse for an existing folder.
Install MED RSS to:
D:\Program Files\MED RSS
Change...
Space required: 242.6 MB
Space available on selected drive: 120.42 GB
< Back
Next >
Cancel

Diagram 2-2

Step3: click “Next (N)”

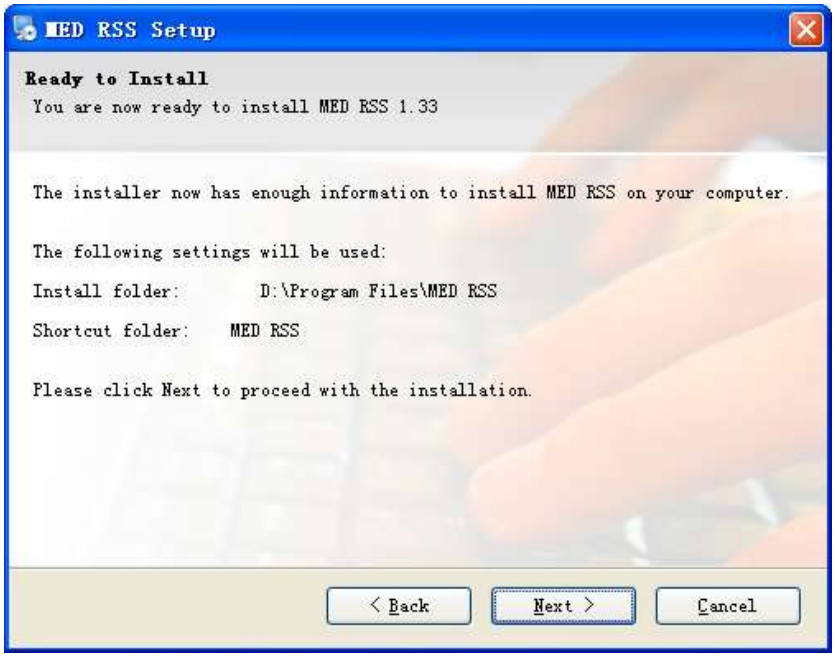
MED RSS Setup
Ready to Install
You are now ready to install MED RSS 1.33
The installer now has enough information to install MED RSS on your computer.
The following settings will be used:
Install folder: D:\Program Files\MED RSS
Shortcut folder: MED RSS
Please click Next to proceed with the installation.
< Back
Next >
Cancel

Diagram 2-3

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Step4: install automatically

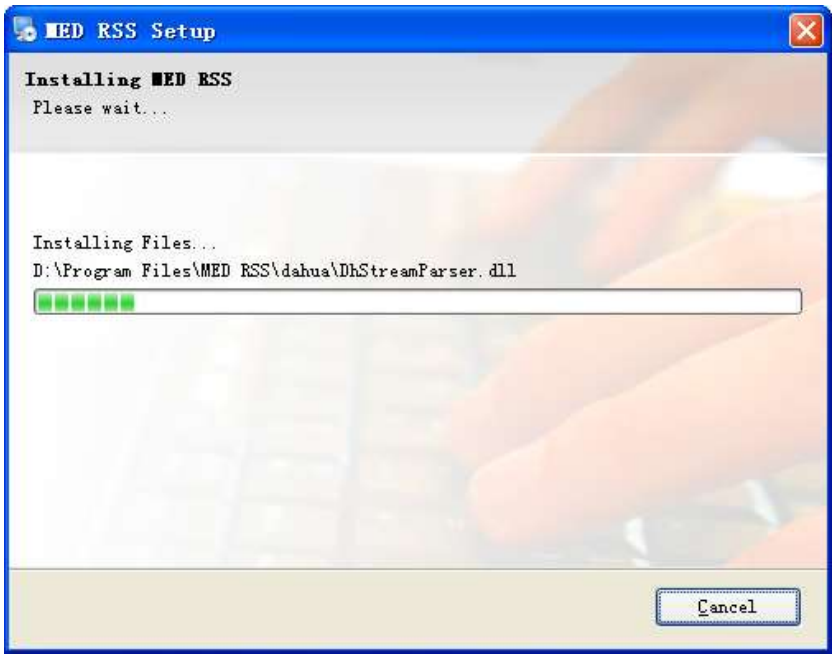

Diagram 2-4

Step5: click “Finish (F)” to complete the installation process

MED RSS Setup
Installation Successful
The MED RSS 1.33 installation is complete.
Thank you for choosing MED RSS!
Please click Finish to exit this installer.
MED RSS supports a minimum resolution of 1024 * 768!
< Back
Finish
Cancel

Diagram 2-5

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3 LOGIN AND INTERFACES

3.1 LOGIN

Double left click to pop up the [LOGIN] interface, see “Diagram 3-1”. Input the correct user name, password and click “OK” to enter the system.

The default account is named “super”, which has a device management authority set upon it（the name and password are “super”）. The default administration account is named “system”, which has authority to modify advanced functions like create new users, rights management and add E-map（the name and password are “system”）. Please refer “5.3” for detail.

Diagram 3-1

Note:

1. Modify your password in “Setting->Modify Password” after the first login.
2. Configure the organisation, users, device, EMap, etc. Please refer “5.3” for detail.

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3.2 INTERFACE

There are live view screens, menus, functional keys, output mode keys, toolbar, upper right icons, alarm and status show on the main interface. (See “Diagram 3-2”).

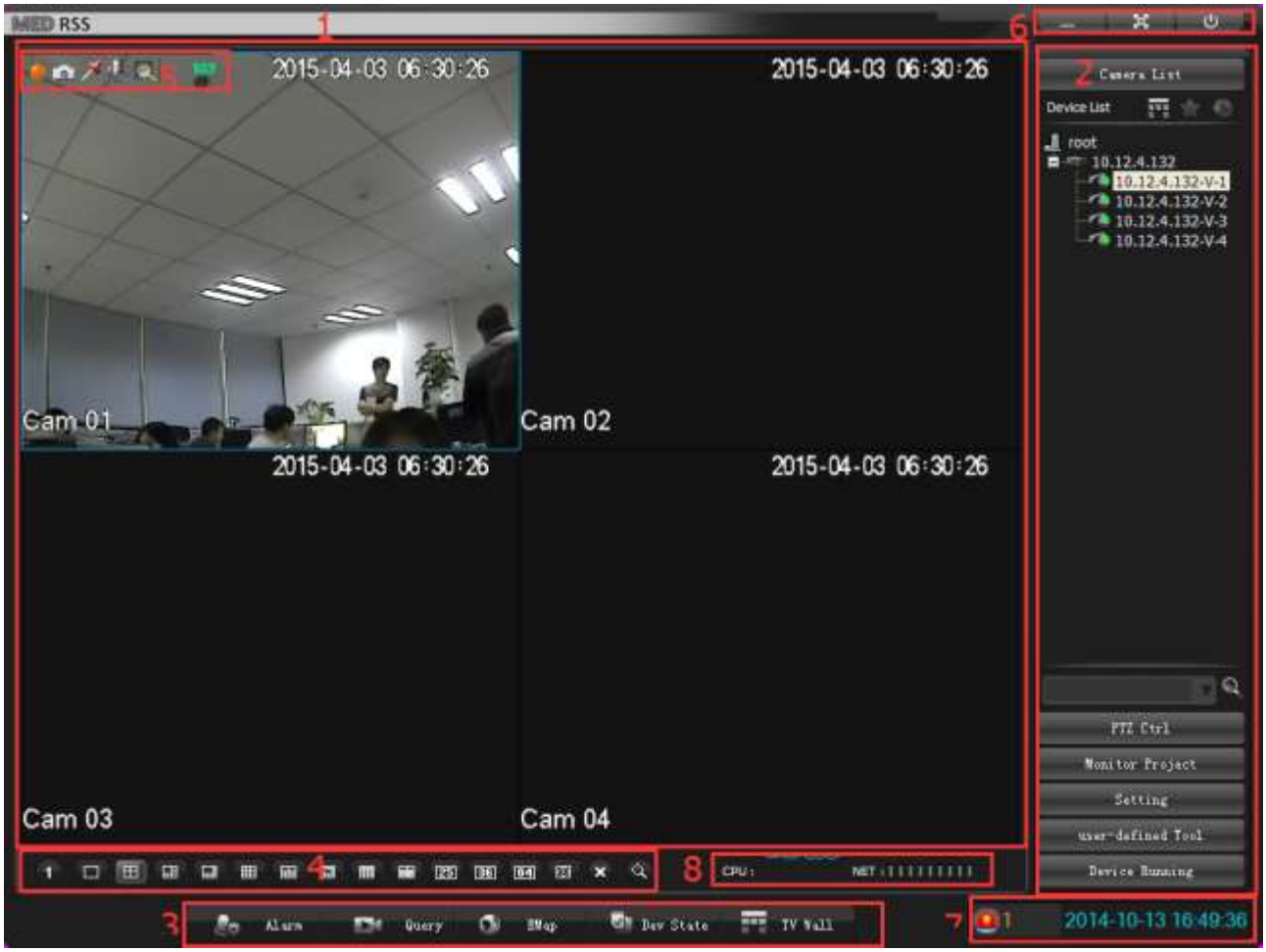

Diagram 3-2

1. Screens

Display and control the real-time video. Select “voice talk”, “snapshot”, “record”, “output”, “save”, “go to” and “TV-wall” function in a specific window. (See “Diagram 3-3”)

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Diagram 3-3

Important note: functions are valid under specific conditions

2. Menu

Name		Function & Operation
Camera Lis		Shows organisations, devices and channels
		Shows device IP, name and model by moving the mouse cursor on a device
		Set the TV wall output and video output in to the center
		Status icons in record and live view mode
		Show the recording device’s status
		Record audio from Talk
		Search information of device and channel
		Add to “Favorite”
		Record review
		Position to playback
		Timing

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		Reboot
		Log in / Log out （manually）
		Configure control
PTZ Ctrl	Control zoom	Eight-direction control
		3D positioning, simulated joystick, etc
		Modify step, zoom, focus and Iris
	Preset Auto Tour Aux	Configure and execute presets
		Configure and execute auto tour
		Light, Aux1, Aux2, etc
Monitor Project		Configuration and Execution
		Plan the task
		Pause/On the task
		Import/Export the documents
		The information of the project and task
Setting	License	Function authorisation (license password is necessary for login)
	Local Set	Set the record path
		Set the download path
		Set the snapshot path
		Set the talk path
		Set the single file length
		Enable the talk saving
		Enable the display toolbar
		Show or hide the device name on EMap
		Minimum or maximum EMap size
		Set log number capacity
		Select media transfer protocol
		Select start screen numbers
		Set organisation levels

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		Multi-window configuration
		Auto task running
		Select system startup mode
		Set time period before turn to the playback
		Time verification interval
		Time verification disparity
		Display content when device is running
		Language（Chinese/English）
		Screen display: OSD configuration
		Keyboard serial port configuration
		Admin config: configure the organisation, users, device, EMap and system
		Upgrade: software upgrade
		About: software version and copyright
	Admin Config	Add/modify/delete the users or devices
		Add/edit the EMap
		System setting, I frame, log, authorization, password, DDNS setting.
	Input	Input the setup file
	Output	Output the setup file
	Modify Password	Modify license password or current account password
	License	For different users access for setting
Custom Tool		Playback the last alarm related video
Status Display		IP, manufacturer and working status information display.

Form 3-1

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3. Functional keys

Name		Description
Alarm	Task config	Add, modify and delete tasks
	Plan config	Add, modify and delete plan
	Global config	Configure the external, detect, loss and cover alarm
	Relate config	Configure the relate, alarm output to CDS/VMS/sound/SMS
	Manually plan config	Manually channel, device and node plan
	Overall config	Alarm, relate sound, relate light, relate output
	Execute	Execute or stop task or plan
	Import/Export	Import/export alarm information files
	Device info	Device list, name and task status
Query	Playback	Four-window record playback, support slice, full screen, record, snapshot, synchronised play, forward and slow
	Download	Download from head end device or centre records
	Search	Search the files of voice talk, local record, snapshot and download
	Alarm show	Shows alarms by time, type, user and status
EMap	EMap	Integrate the map and video information
Dev status	Device Status	Shows the channel stream and alarm task
TV wall	TV Wall	Set the screens output to TV wall

Form 3-2

4. Output mode

Name	Description
Output Mode	1/4/6/8/9/13/16/25/36/Full Screen/Close All Windows

Form 3-3

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5. Display toolbar

Name	Description
Toolbar on screen	Icons for record, snapshot, color, voice talk, streaming , etc.

Form 3-4

6. Upper right icons

Name	Description
Exit	Minimizing, maximizing window, license, lock, switch and exit current account

Form 3-5

7. Alarm & Date

Name	Description
Shortcut zoom	Pop up system log and alarm interface by clicking the time and alarm icon

Form 3-6

8. Status

Name	Description
Status	CPU and network running status

Form 3-7

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3.3 QUICK GUIDE

Login via the “super” account and add devices. Click【Admin Config】to enter the interface seen below:

Diagram 3-4

1. **Add**: select an organisation node in ① zone and add devices under this node in ② zone. Input the device data like type, manufacturer, name, IP and password in the pop-up window; then click 【Access Channel】to get the device channels and alarm channels automatically. Lastly click OK to finish the process.（the “Device Channel Count” and “Alarm Channel Count” automatically generates according to the device IP. (The default port: 8000.) See “Diagram 3-5”.

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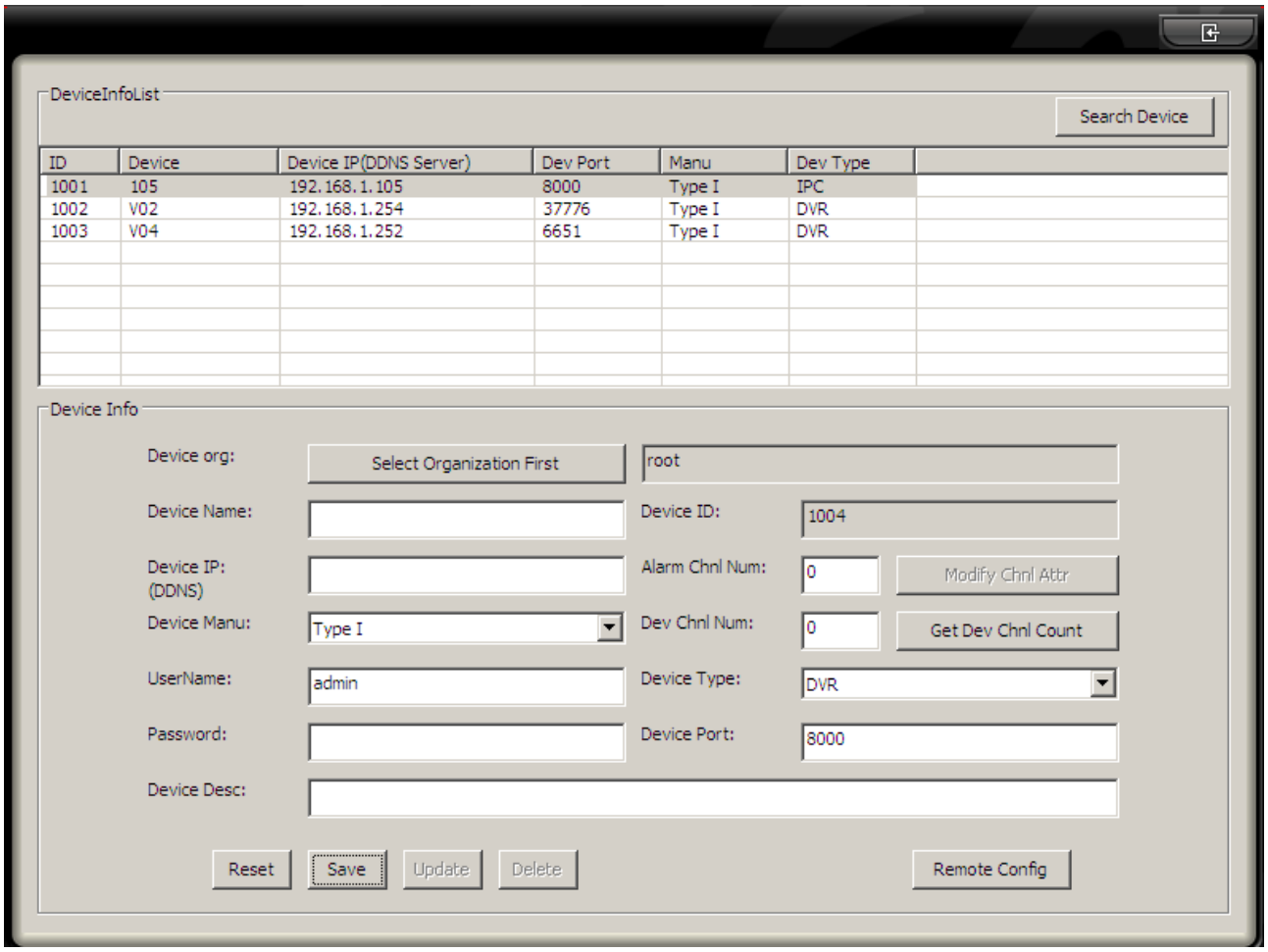

Diagram 3-5

2. **Modify**: select a device and click icon to modify it's information
3. **Device Information**: this window (See "Diagram 3-6"), which contains [Device Information], [Video Channel] and [Alarm Channel], will pop up when you select a device.

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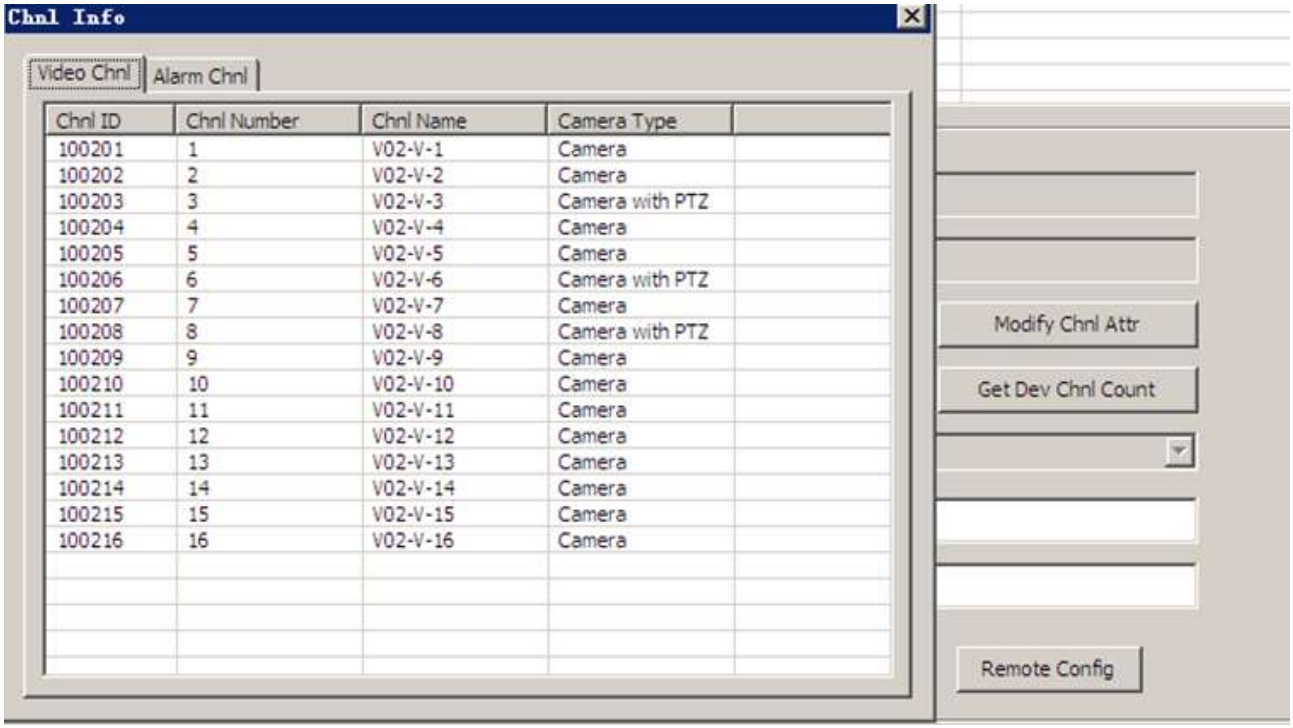
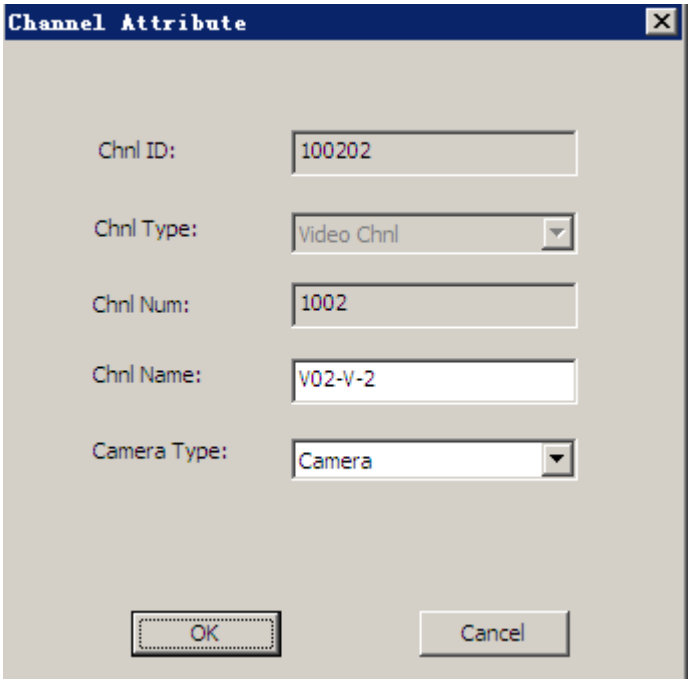


Diagram 3-6



“Diagram 3-7” is the [Video Channel] interface

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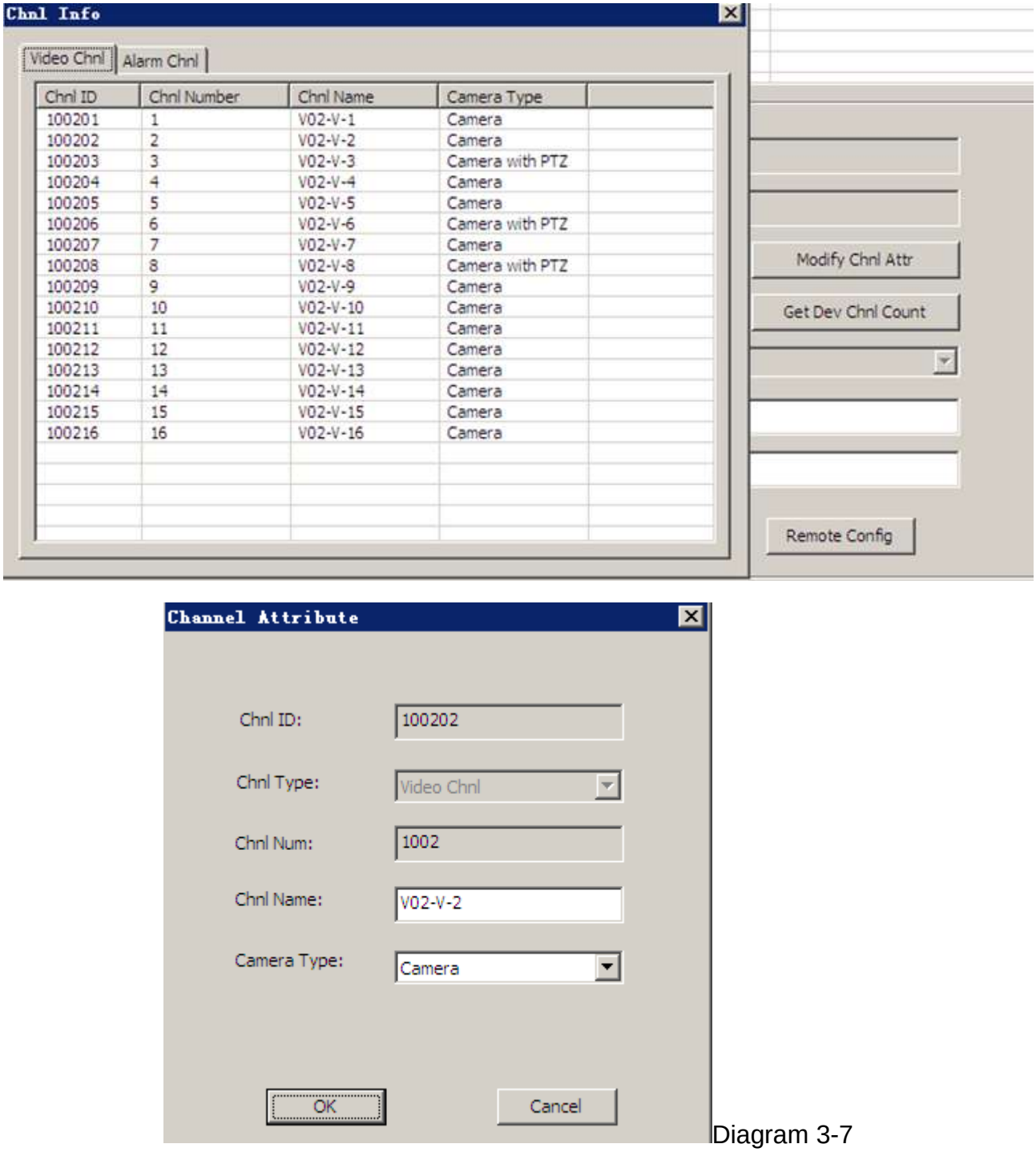

Diagram 3-7

Double left click a video channel to pop up the [Channel Information], see “Diagram 3-8”. You can modify channel name, pre-position and camera type. The camera type includes camera, dome camera and half dome camera (channel ID, channel type and channel number are the default values).

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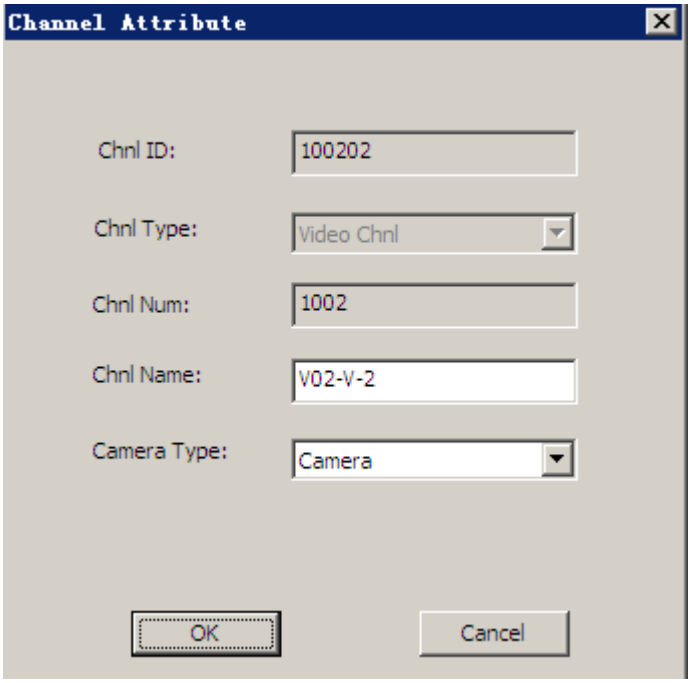

Diagram 3-8

"Diagram 3-9" shows the [Alarm Channel] interface

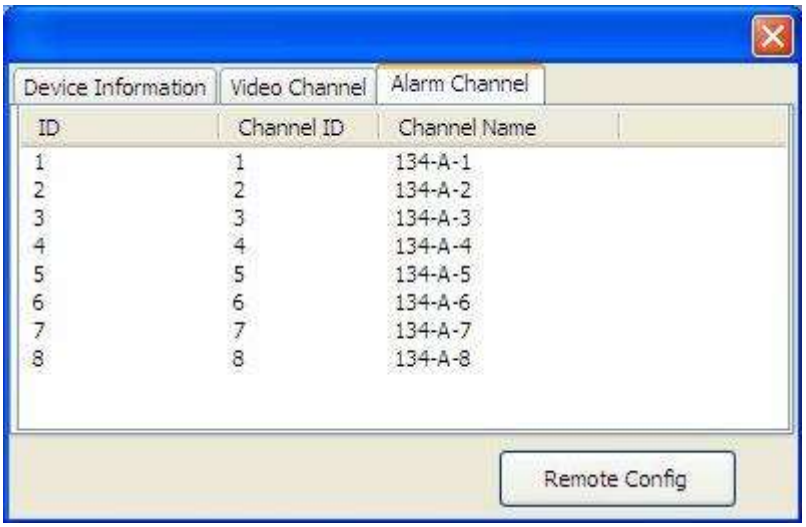

Diagram 3-9

Double left click an alarm channel to get a popup window, see "Diagram 3-10"

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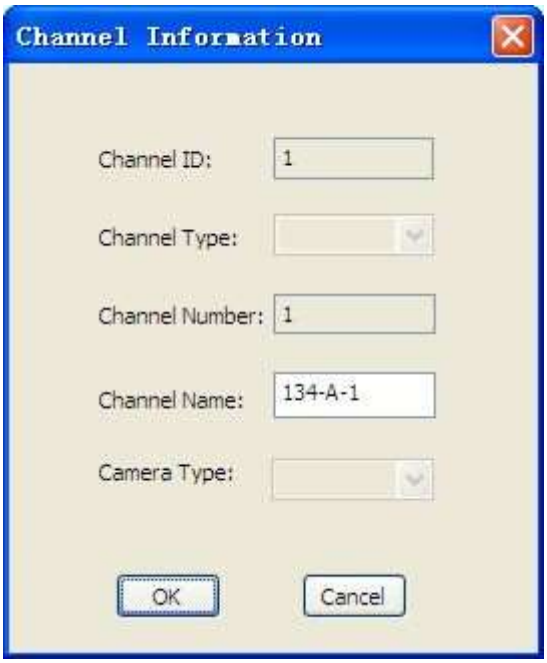

Diagram 3-10

You can operate in main interface after completing the configuration.

Important note: there are two sets of criteria that apply to the PTZ function: 1. ensure the connected device is a dome camera; 2. Select the right camera type.

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4 FUNCTIONS

4.1 MONITOR

4.1.1 CAMERA LIST

[Camera List] shows the “Structure”, “IP Address”, “Device List”, “Favorite” and “History”.（See “Diagram 4-1”）.

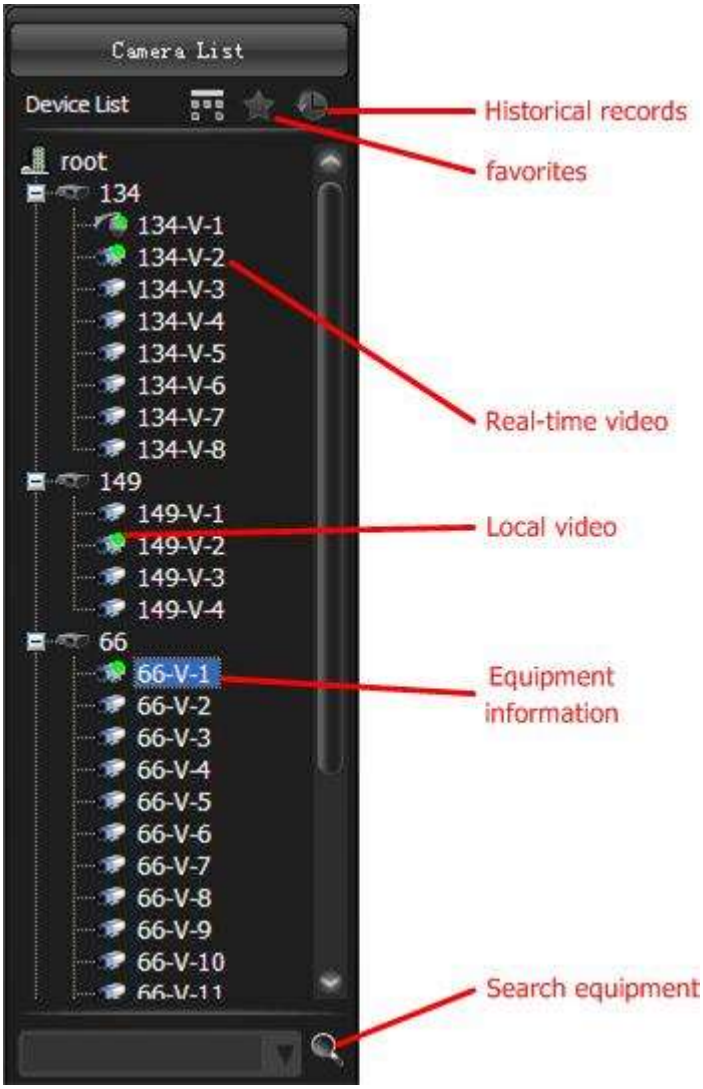

Diagram 4-1

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Operation:

- **Node**:

  Click ⊞ to open the sub list.

  Click ⊟ to close the sub list.

- **Switch to live view**:

  Select a screen and double left click a camera to start the live view in this selected screen.

  Or drag a camera/device/node to a screen to play.

- **Device information**: move the mouse cursor to DVR or IPC to show the device information like IP, name, manufacturer and model.
- **Start talk**: select a camera and enable the voice talk in context menu, click again to stop talk.
- **Add to "Favorite"**: select a node/camera/channel and add to favorite in context menu.
- **Playback interface position**: Select a camera and position it to the playback interface by context menu.
- **Set "Playback before":** Setting—>Local Set—>Other
- **EMap position**: select a camera and position it to the EMap using the context menu
- **Search**: input device name or IP address to search
- **Context menu**:

  Right click a device to execute the operations; "add to favorite", "timing", "reboot", "log in"

  and "config"

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Diagram 4-2

Right click a camera to execute the operations “talk”, “add to favorite”, “go to playback” and “go to EMap”.

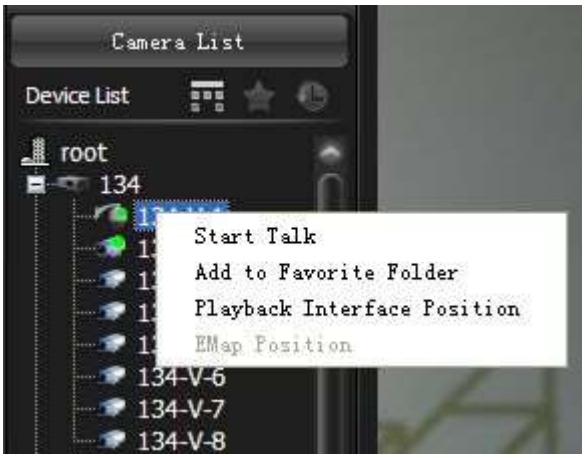

Diagram 4-3

4.1.2 LIVE VIEW

Play the live view in selected window or drag a node or a device to a window to play. (See “Diagram 4-4”).

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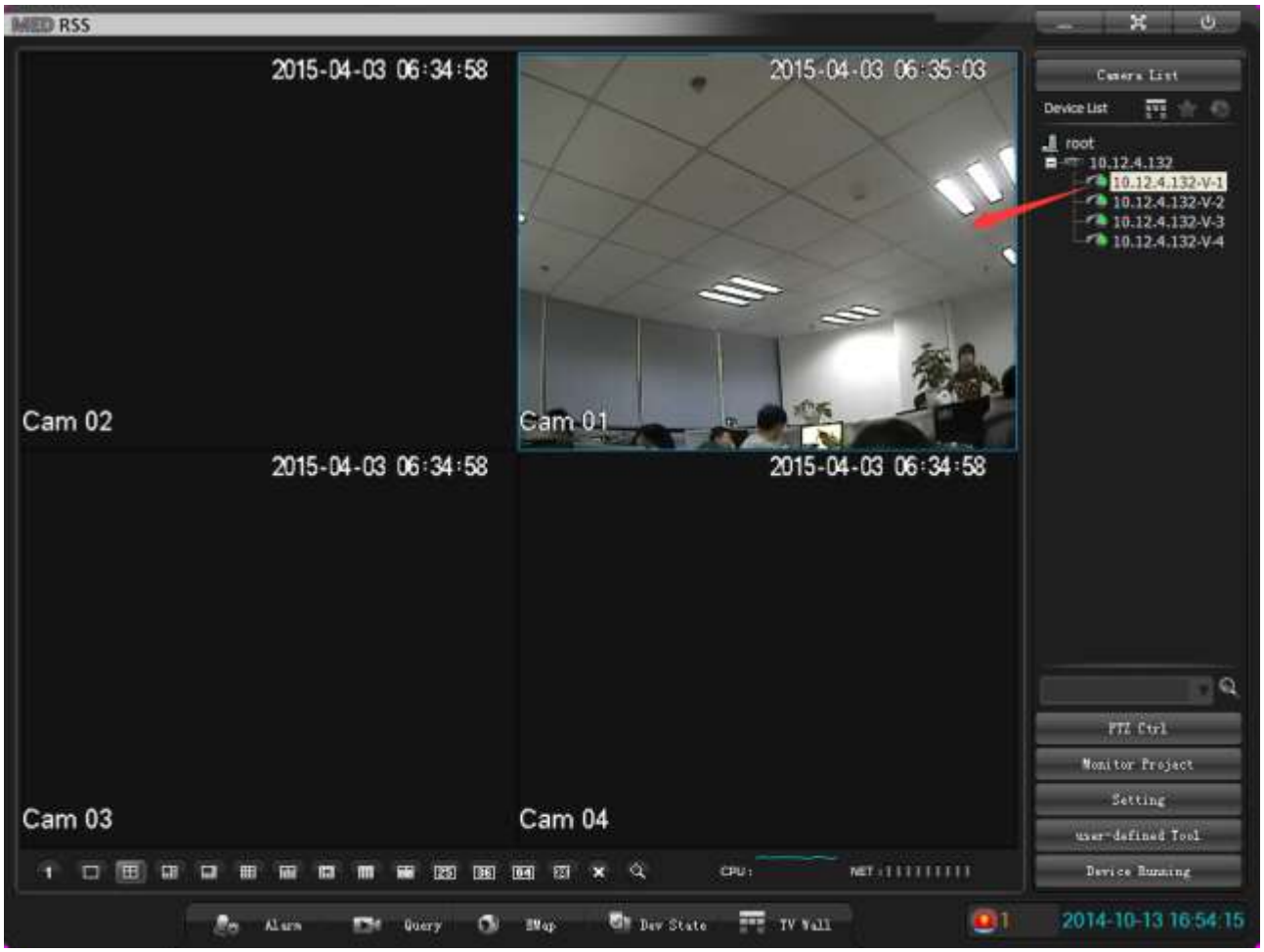

Diagram 4-4

Important note:

1. The device with green spot refers that this camera in live view mode.

2. Select a window, the corresponding camera will be marked automatically.

3. Drag device to change the screen position; double left click to maximize the image (single screen), double left click to go back.

Screen context menu: (See “Diagram 4-5”).

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Diagram 4-5

Functions Description.

Control	Explanation
Window	Show the window number
Voice talk	Start the voice talk (depending on the DVR function)
Snapshot	Snapshot in live image
Record	Save the video audio in local files
Output	Set the output audio and color
Save	Save the current window and camera as one task group Save the current video in “Favorite”
Go to	Position to playback or EMap
TV Wall	Send image to TV wall
Close	Close the selected window

Form 4-1

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4.1.3 RECORD

Click【Record】in the context menu to start recording, click again to stop the operation. Set record path in [Setting]—>[Local Set]—>[Record].

Introduction : : recording, : device, : channel

4.1.4 SNAPSHOT

Click【Snapshot】in the context menu to save one single image of the video.

Path: Setting —> Local Set —> Record.

The default path: **C:\Program Files\MED RSS\PIC.**

Save format: .**bmp**.

4.1.5 COLOR

You can modify brightness, contrast, saturation and hue in screen [context menu] —>[Output]—>[Color]. (see “Diagram 4-6”)

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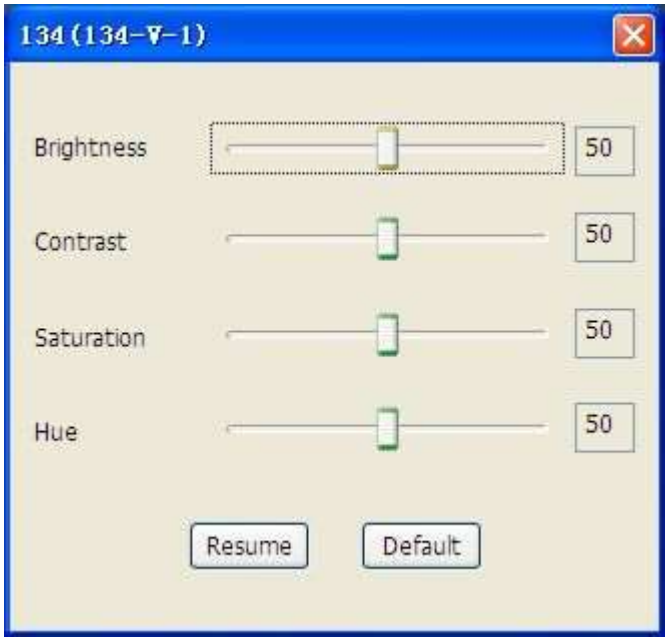

Diagram 4-6

Important note: Resume: restore the last operation; Default: restore to the default status. This operation modifies the screen output but not the head-end cameras.

4.1.6 VOICE TALK

Select【Voice Talk】in the context menu to access the live sound, click it again to quit.

Important note: multiple channel voice talk not supported. The voice collector in DVR is necessary for apply this function.

4.1.7 GO TO

Playback: play 10 minutes of footage before the actual recording（the default is 10mins, you can modify the length of time the pre-record is set to in “Setting”—>“Local Set” “Others”—>“Playback Before”）.

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EMap: Use the EMap function to show where the cameras are in the building.

4.1.8 TV WALL

Integration of a TV wall in the CCTV system is supported; please contact your security installation specialist for further information on how to do this.

4.1.9 PARTITION

Partition options are first window, 1, 4, 6, 8, 9, 10, 13, 16, 20, 25, 36 windows, see “Diagram 4-7”.

Diagram 4-7

Important note: the default partition is 4 windows

4.1.10 FULL SCREEN

Full screen icon is (see “Diagram 4-8”)

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Diagram 4-8

Important note:

1. The right sided toolbar pops up as the cursor move on to the zoom function; it will hide as cursor move out and away from the zoom function.

2. The bottom toolbar pops up as the cursor move into this zoom function, it will hide as cursor move out and away from the zoom function.

3. Click “Esc” to exit.

4.1.11 CLOSE ALL WINDOW

Click to close all screens.

4.2 QUERY

“Query” includes “Playback”, “Download”, “Search” and “Alarm Show”.

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4.2.1 PLAYBACK

Click【Query】to pop up the [Playback] interface (see “Diagram 4-9”).

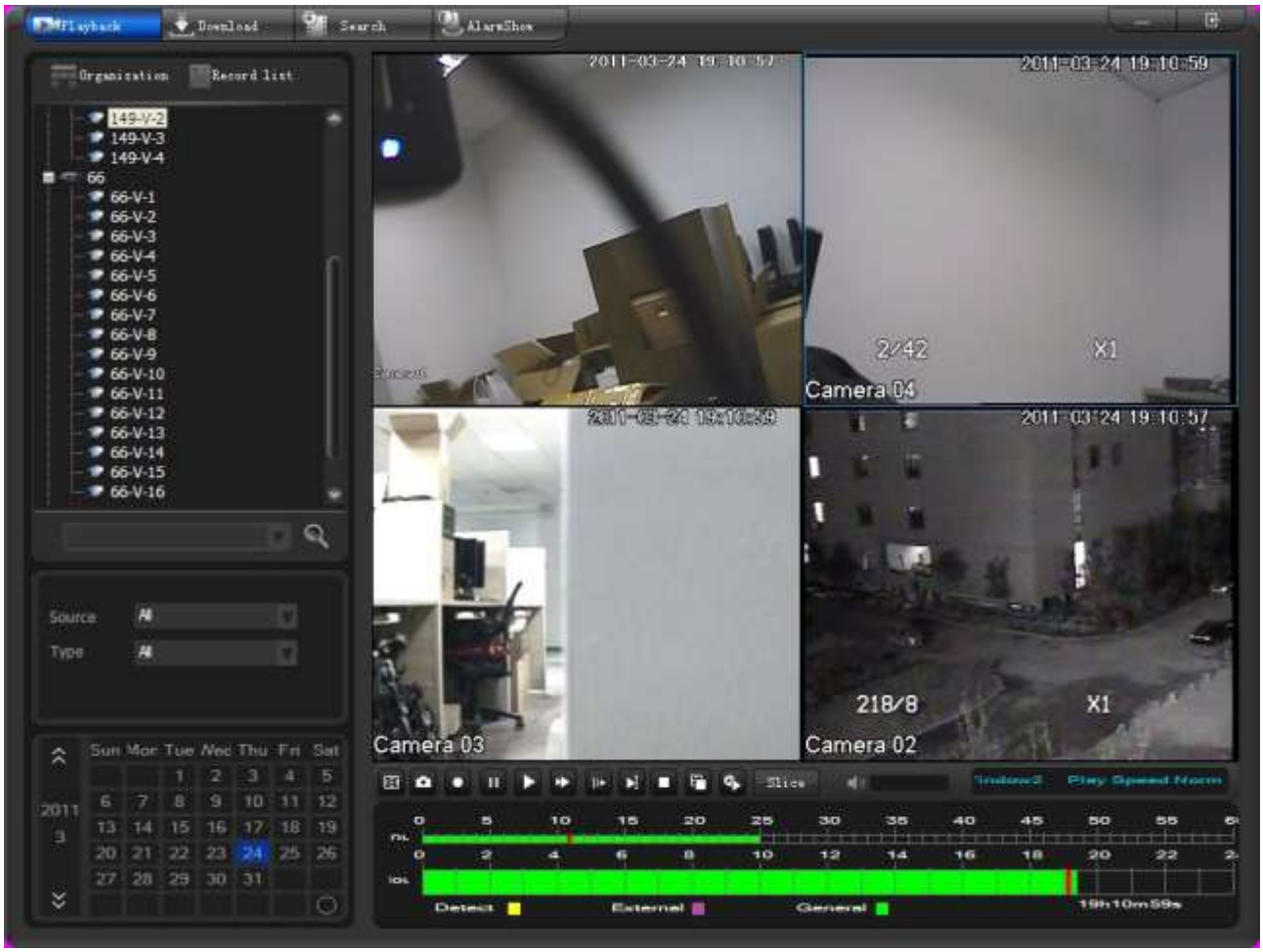

Diagram 4-9

Select a camera in “Organisation”—> select the “source” (all, device, platform) and “type” (all, external alarm, motion detect, general record)—> double left click the date to list all records from that day (the time band with color refers the different record types in that period). You also can choose any time period by dragging the red bar along the timeline, see “Diagram 4-10”.

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Diagram 4-10

Green: General **Yellow: Motion Detect** **Purple: External Alarm**

Select the hour and minute separately and play the recorded footage.

Click to synchronize the four windows' record time with the selected specific window

---

Important note: the prompt shown in "Diagram 4-11" will pop up if the search has failed to find footage.

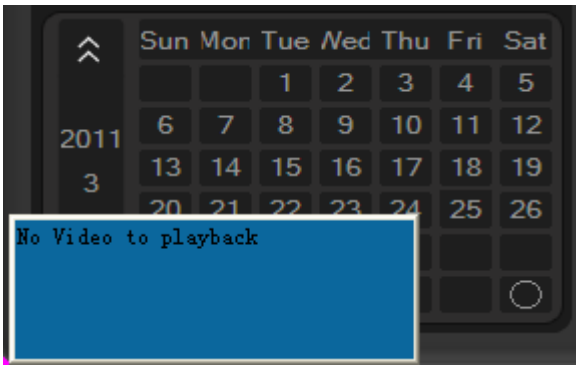

Diagram 4-11

"Diagram 4-12" shows the playback toolbar

Diagram 4-12

Fast forward: x2, x3, x4, MAX times faster playback.

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Slow down footage speed: -2, -3, -4, MIN slow playback

All the searched recording results will be listed in the

, see “Diagram 4-13”.

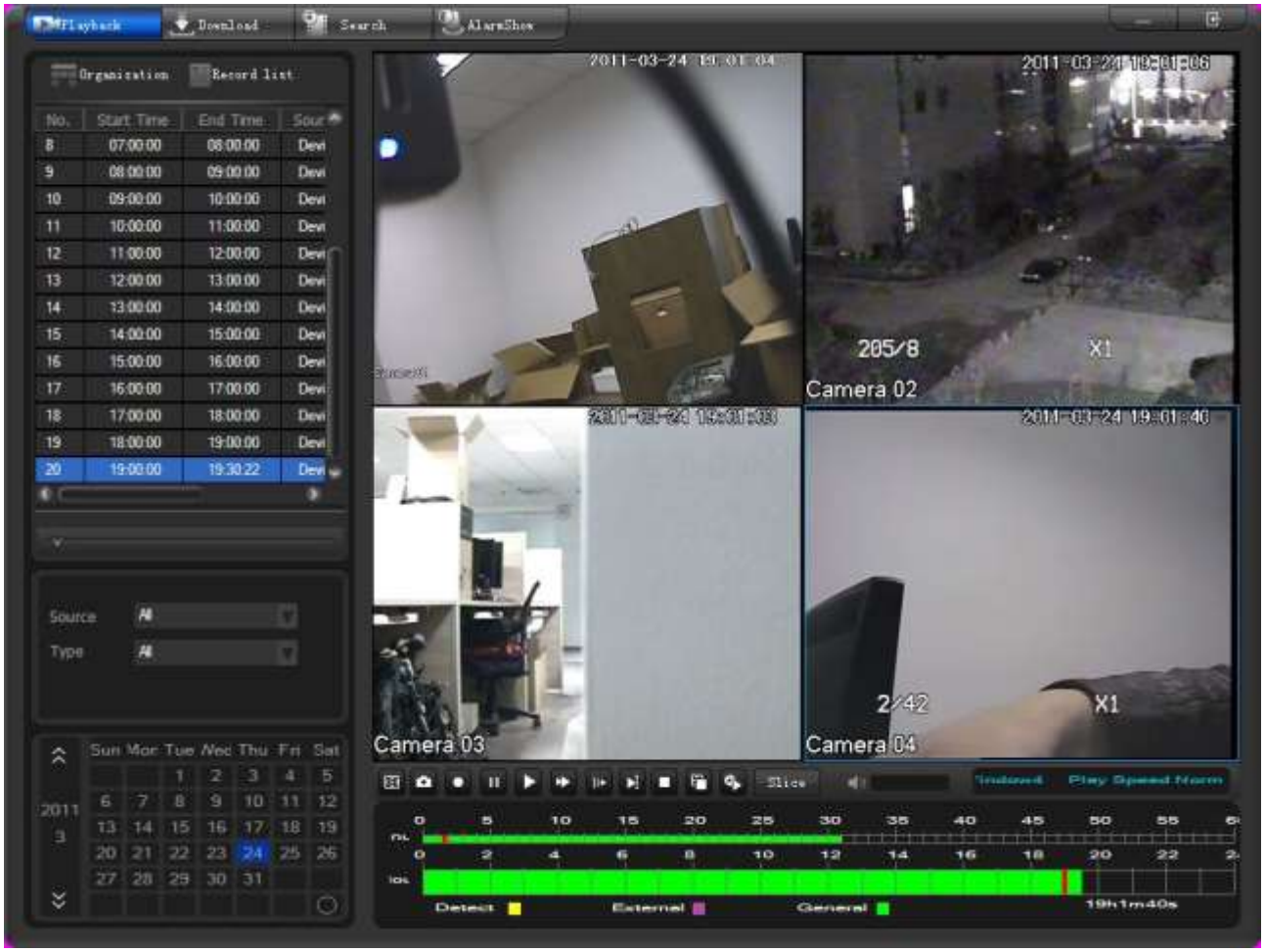

Diagram 4-13

- The recording highlighted in the blue color is the one that will be currently playing.
- Double left click a recording in the list to play.
- Double left click a window to switch to full screen mode (see “Diagram 4-14”) and click again to exit.

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Diagram 4-14

4.2.2 SLICE

Click to operate on the recordings that have been searched for in the following interface.

See “Diagram 4-15”

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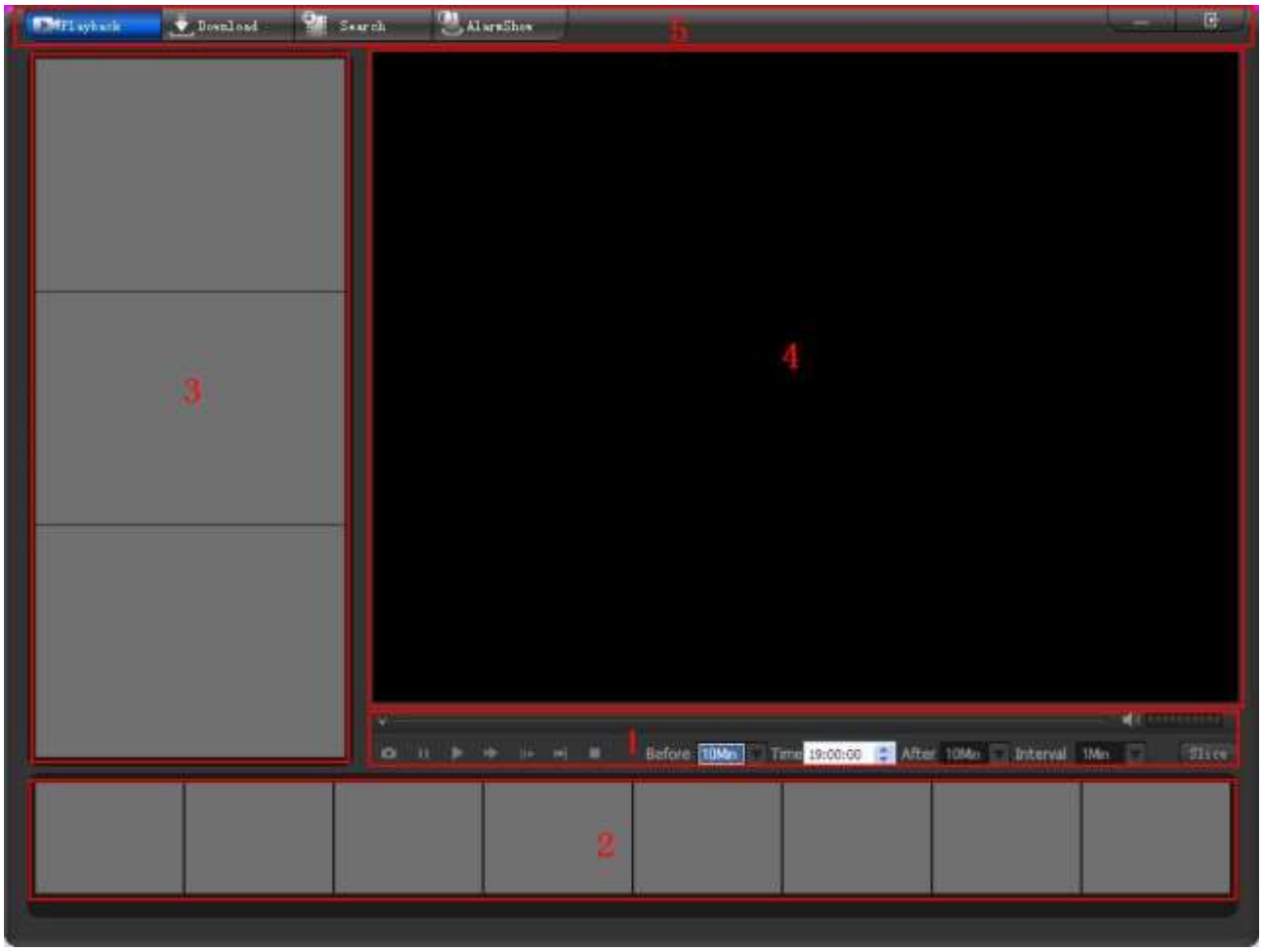

Diagram 4-15

1. Toolbar

The operations include snapshot, pause, play, fast, slow, single frame and stop.

Define the slice duration either by its before or after time period. There are 1, 2, 5, 10, 15, 20, 30mins time length for selecting.

Note: the slice toolbar function and operation are similar to the recording playback toolbar. Please consult the instructions for the playback toolbar for reference.

2. Bottom slice image

Click Slice to set the slice duration's before or after time period. The system will

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automatically run the slice process according to the settings chosen. See “Diagram 4-16”

Diagram 4-16

The first eight slice images will be illustrated at the bottom of the screen. If there are more than eight slice pictures, there will be a floating arrow for scroll display.

3. Side slice image

Left single click image, the pic will be enlarged and display the previous and next slice image at the same time. See “Diagram 4-17”

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Diagram 4-17

The main selected image will be displayed in the middle of the three image frames, the other two image frames are the image frames before and after the selected image.

4. Playback

Double left click the slice image to playback the record video from the time point of this slice. See “Diagram 4-18”

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Diagram 4-18

5. Menu

Exit the video slice and switch to playback, download, video search or alarm page.

4.2.3 DOWNLOAD

Click

to turn to the [Download] interface. (see “Diagram 4-19”)

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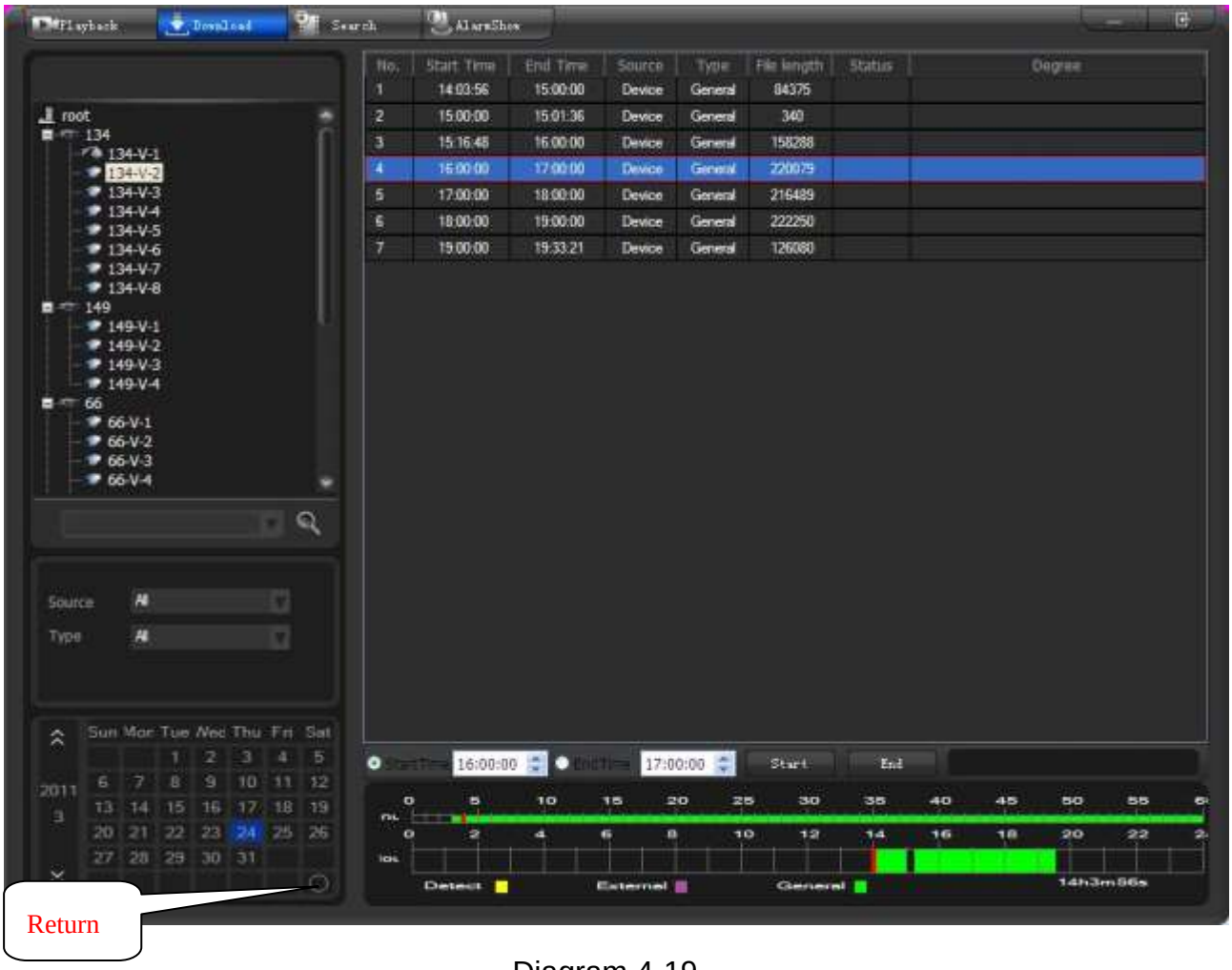

Diagram 4-19

Select a camera in device list first, then define the recording “source” (all, device, platform) and “type” (all, external alarm, motion detect, general record), lastly double left click the recording’s date to get the search results list. Select the record in the list directly or select by time that operate in the time slider. Right click or double left click to start the download. (See “Diagram 4-20”)

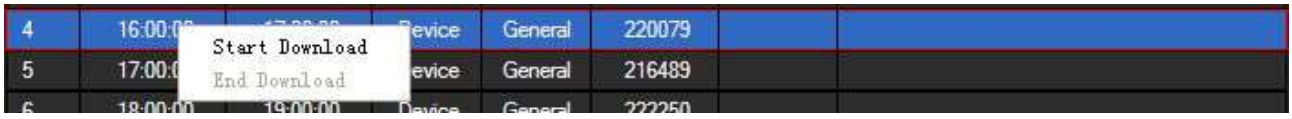

Diagram 4-20

Set the recording path in [Local Set] interface, the record format is “.dad”.

“Diagram 4-21” shows the record loading progress.

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Diagram 4-21

Input the start and end time, click ‘Start’ to download all the records in this period. Click ‘End’ to stop download. (See “Diagram 4-22”)

Diagram 4-22

Important note: you cannot download and playback the same channel recordings at the same time. The system will stop the playback automatically when you start downloading.

4.2.4 SEARCH

Click ‘Search’ to open the interface as “Diagram 4-23” shows.

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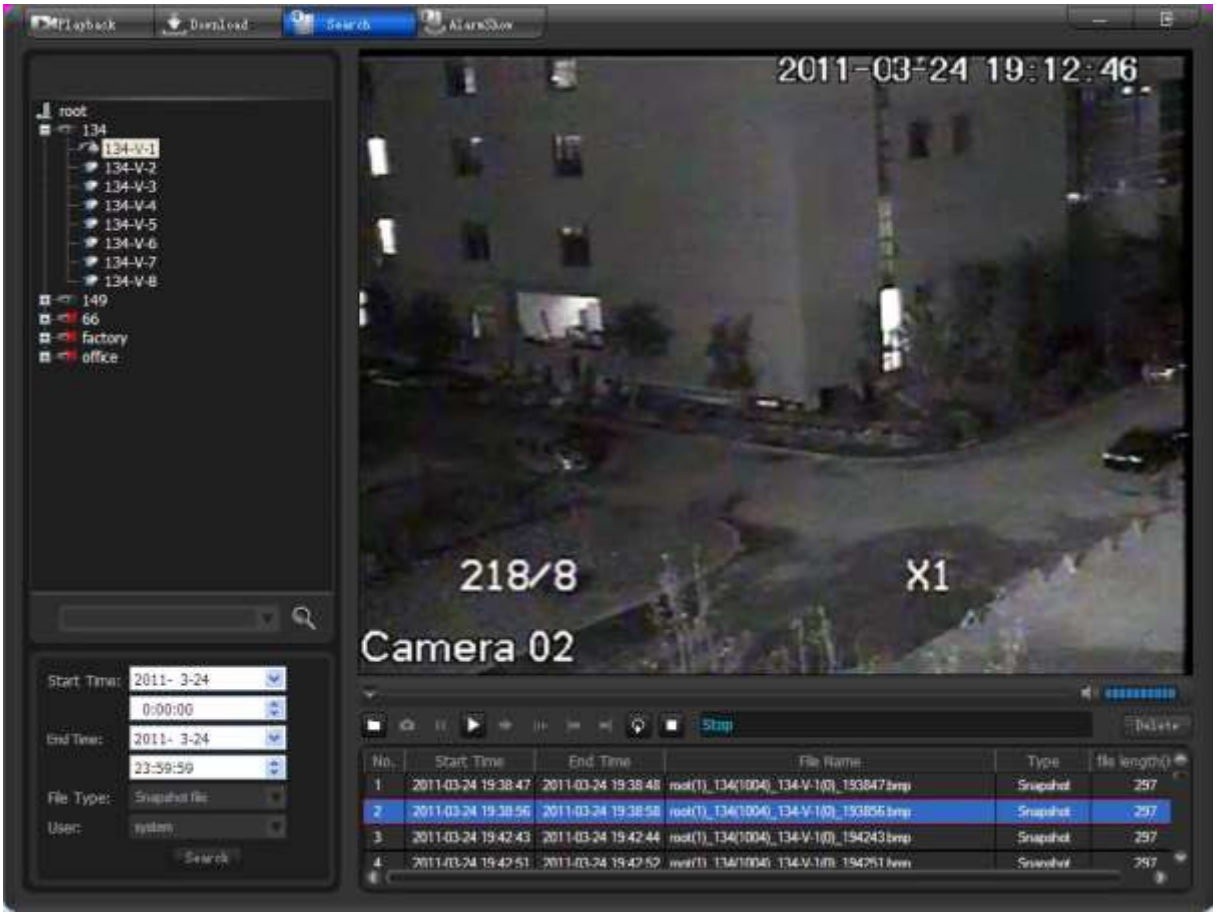

Diagram 4-23

Select a node or a camera in device list first, then define the “start time”, “end time”, “file type” (voice talk, local record, snapshot file, download file) and “user”, lastly click【Search】to get the results in the right bottom list. You can play a recording by clicking the “Play” button or double right click the recording. (See “Diagram 4-24”)

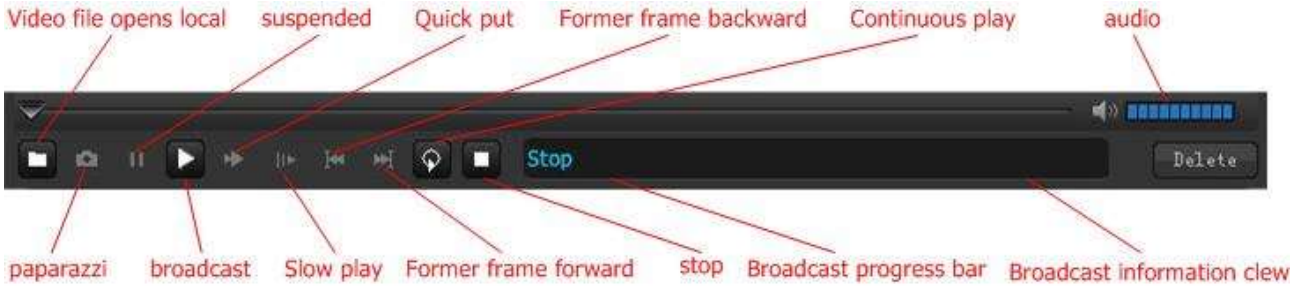

Diagram 4-24

You can recycle play the video recordings but not the snapshot file.

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4.2.5 ALARM SHOW

Click to turn to the interface like “Diagram 4-25”.

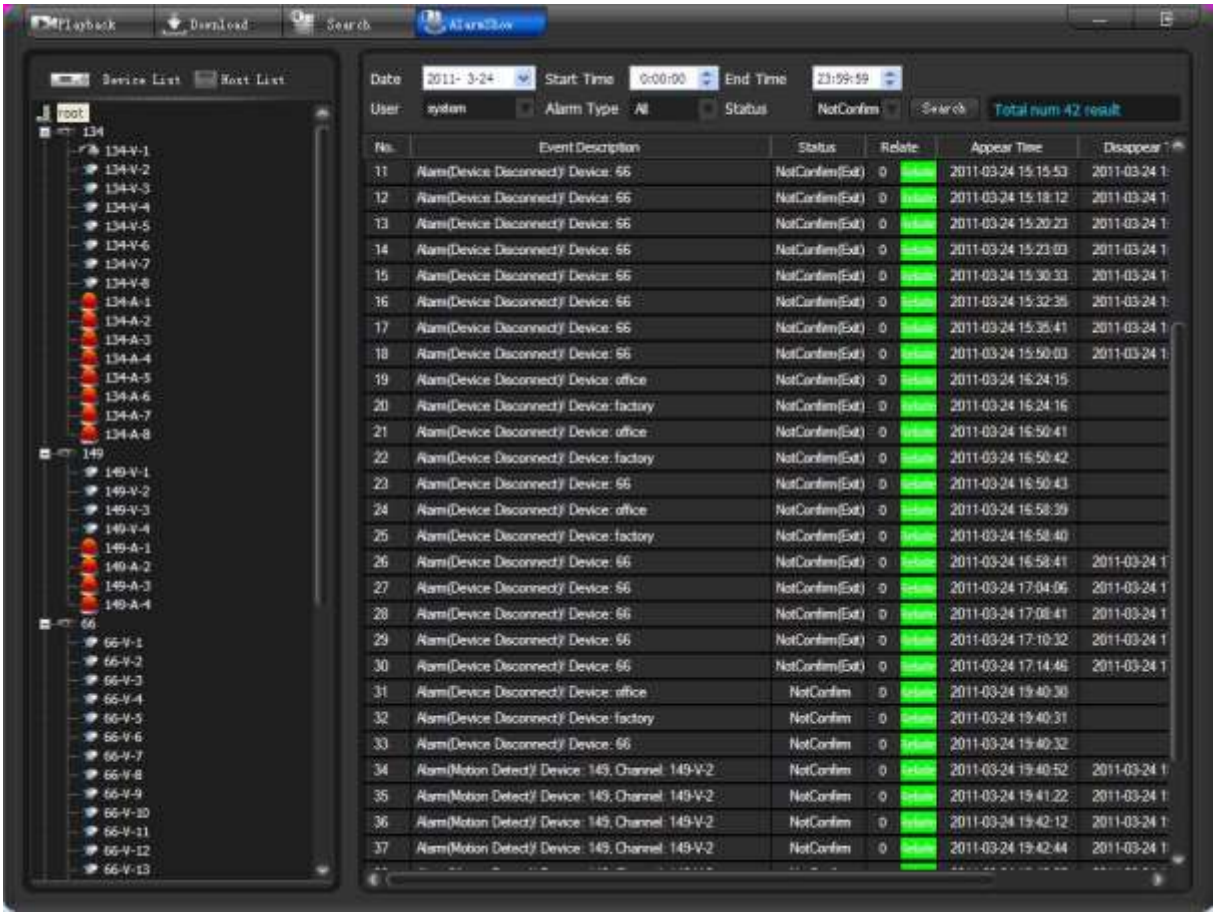

Diagram 4-25

Select a node or a camera in device list first; then define the “date”, “start/end time”, “user”, “alarm type” (all, video loss, external alarm, motion detect, camera masking, device disconnection, host alarm) and “status” (not confirm, confirm); at last click 【Search】to get the result list. The number of required recordings will show in the blank areas following the 【Search】button.

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4.3 ALARM

The system supports six different alarm types (video loss, external alarm, motion detection, camera masking, device disconnection and host alarm). As soon as the alarm has been triggered, the DVR/NVR, to which the alarm's sensors are connect to, will start to record footage to its HDD. The alarm response includes recording sound, recording video, highlighting on EMap where alarm has been triggered, live video sent to TV wall, PUSH notification output (SMS, voice message).

Click 'Alarm' option to bring up the interface seen below in "Diagram 4-26".

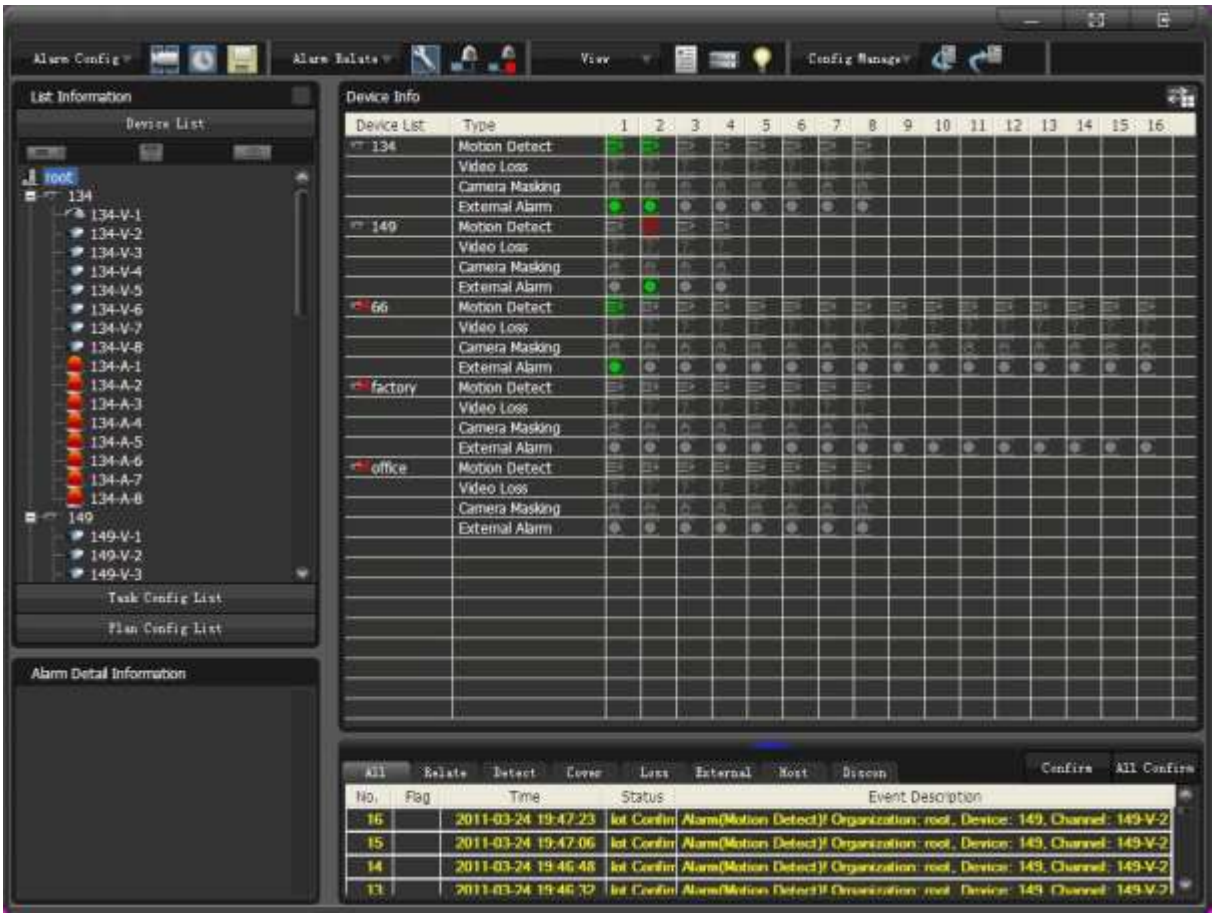

Diagram 4-26

Top: toolbar (See "Diagram 4-27")

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Diagram 4-27

Stop all relate: stop all alarm relates

Import: import alarm configuration

Export: export alarm configuration

Confirm: confirm the alarm and stop all relates

Click to change the device's information format. Double left click a device to illustrate all the sub channels. You can rank the list by【View】on top. (See "Diagram 4-28")

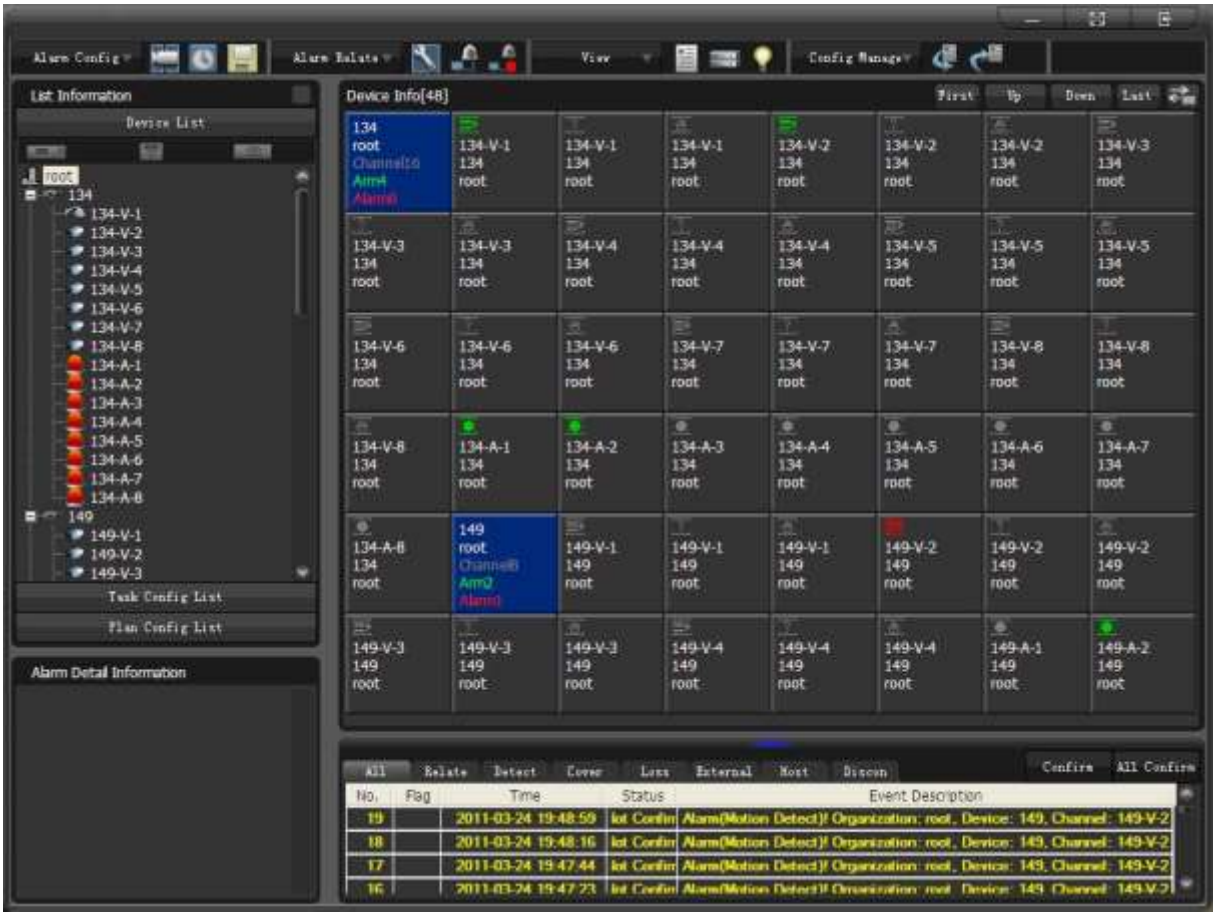

Diagram 4-28

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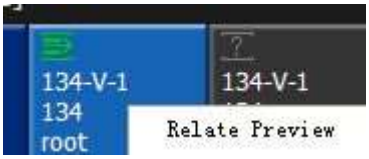
Left: device list and alarm detail information

Right: device information

Right click on the alarm icon:

or



and preview the relates.

Right click the blank area on the screen to save the current status as an alarm task

(

or choose a rank type.

Bottom right of the screen shows the event list. Click to deploy the event list, as shown in “Diagram 4-29”.

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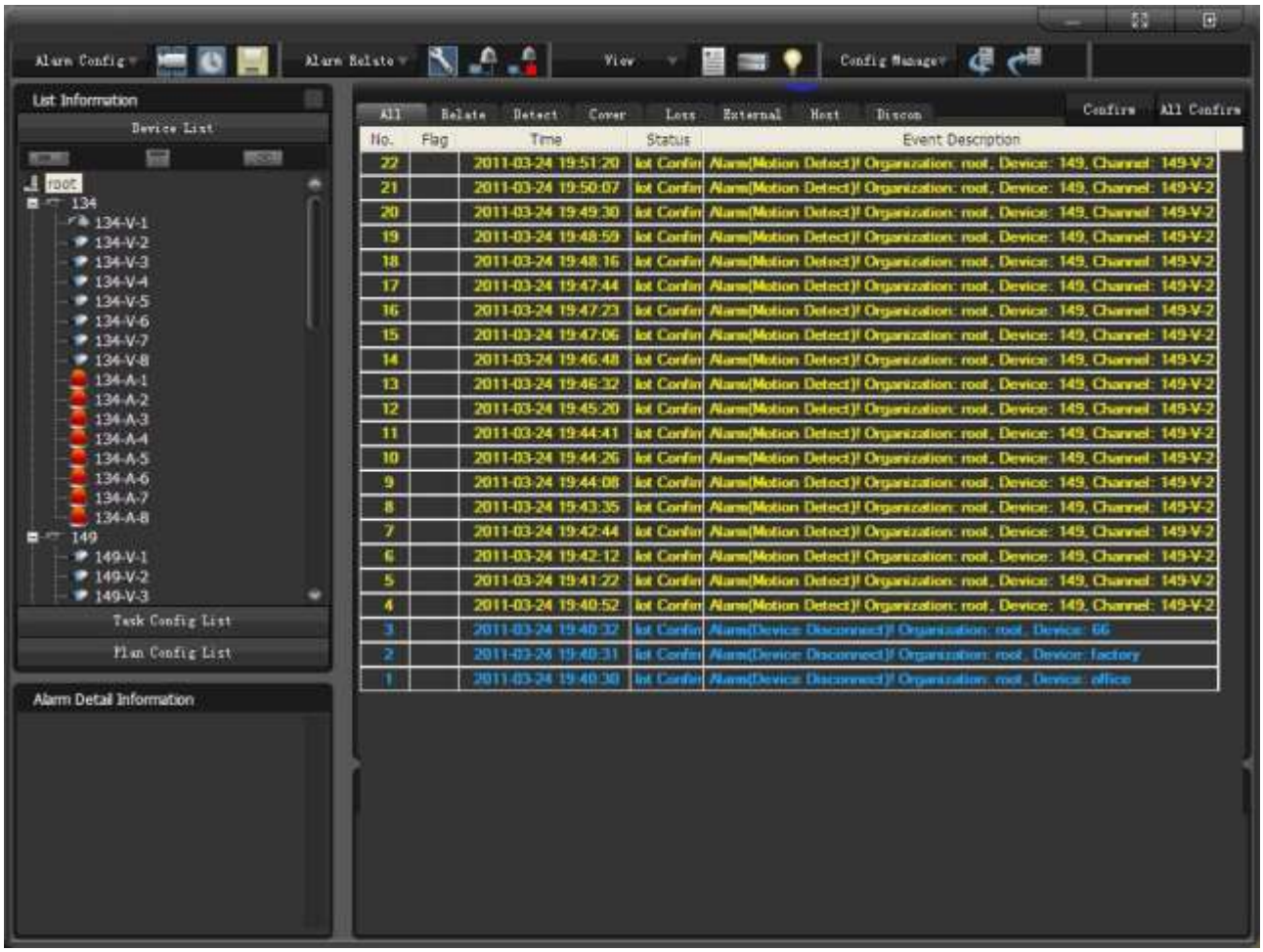

Diagram 4-29

Alarm configuration steps:

- **Task**

There are FOUR methods to set task. The task icon will be in green as you set the task.

1. Manually right click on the camera/device/node to enable or stop the tasks.
2. Select the alarm type in device list, e.g. set the task for all the devices and alarm type of “134” group.
3. Right click on the alarm icons -- , , , to enable or stop the tasks.
4. Set a task first and tick the items. This is the most convenient way to set the task.

Plan the time periods for different tasks. Please refer 4.3.1 TASK CONFIG, 4.3.2 PLAN CONFIG.

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Important note: to perform the stop task is the same method as to enable it.

For more information on ‘Global config’ please refer chapter 4.3.4 GLOBAL CONFIG. For more information on ‘Relate config’, please refer to Chapter 4.3.3 RELATE CONFIG

After you have set the task, global config and relate config, the alarm icons on screens will turn red when the alarm has been triggered. The alarm relates are:

- **Sound:** enable the function and select an audio file (format: .wav)
- **TV wall**: enable this function and the alarm video will be sent to the TV wall when the alarm is triggered.
- **Alarm interface:** enable the function and the alarm interface will pop up when the alarm is triggered. (See “Diagram 4-30”).

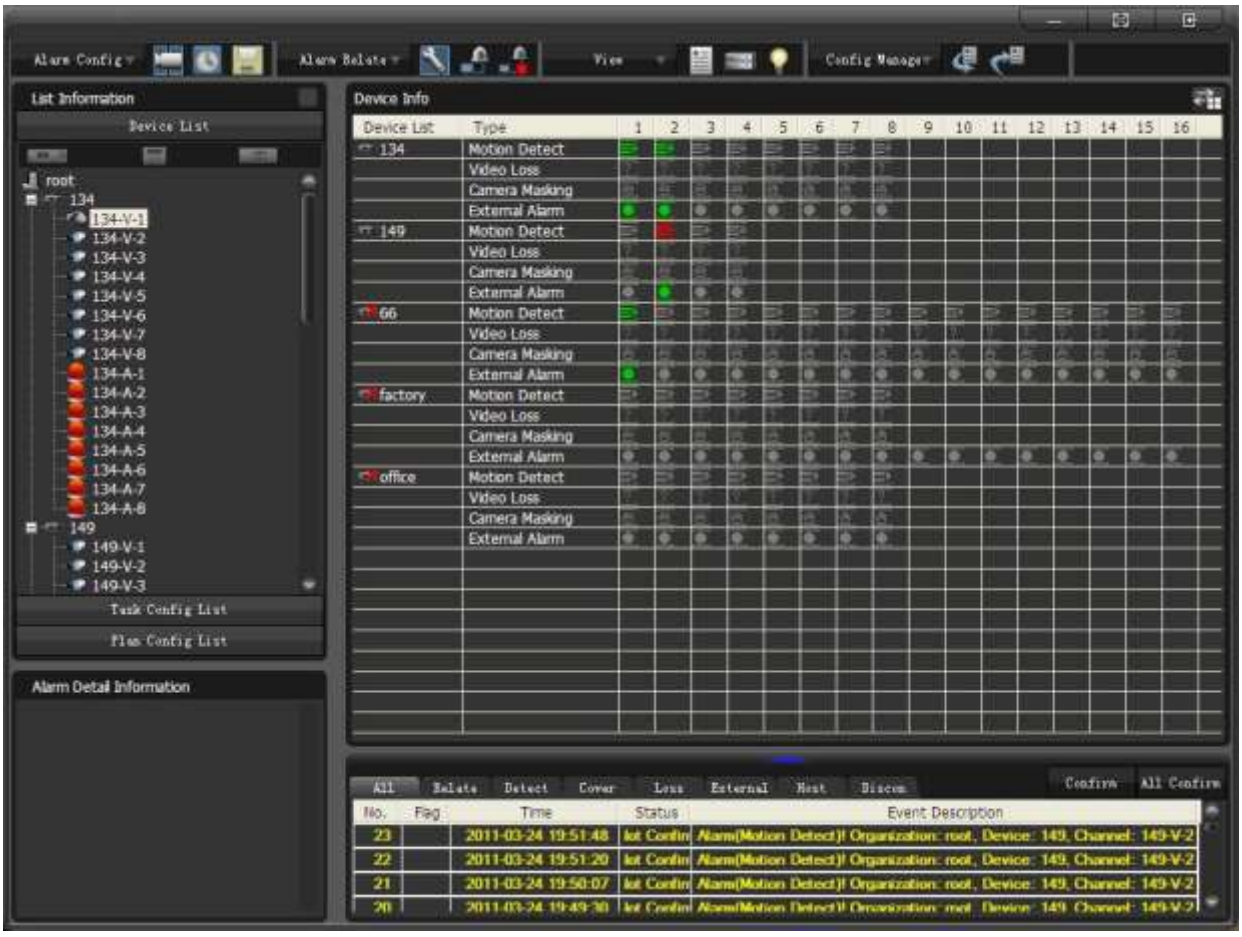

Diagram 4-30

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Relate the alarm video; supports a maximum of 4 channels. (See “Diagram 4-31”)

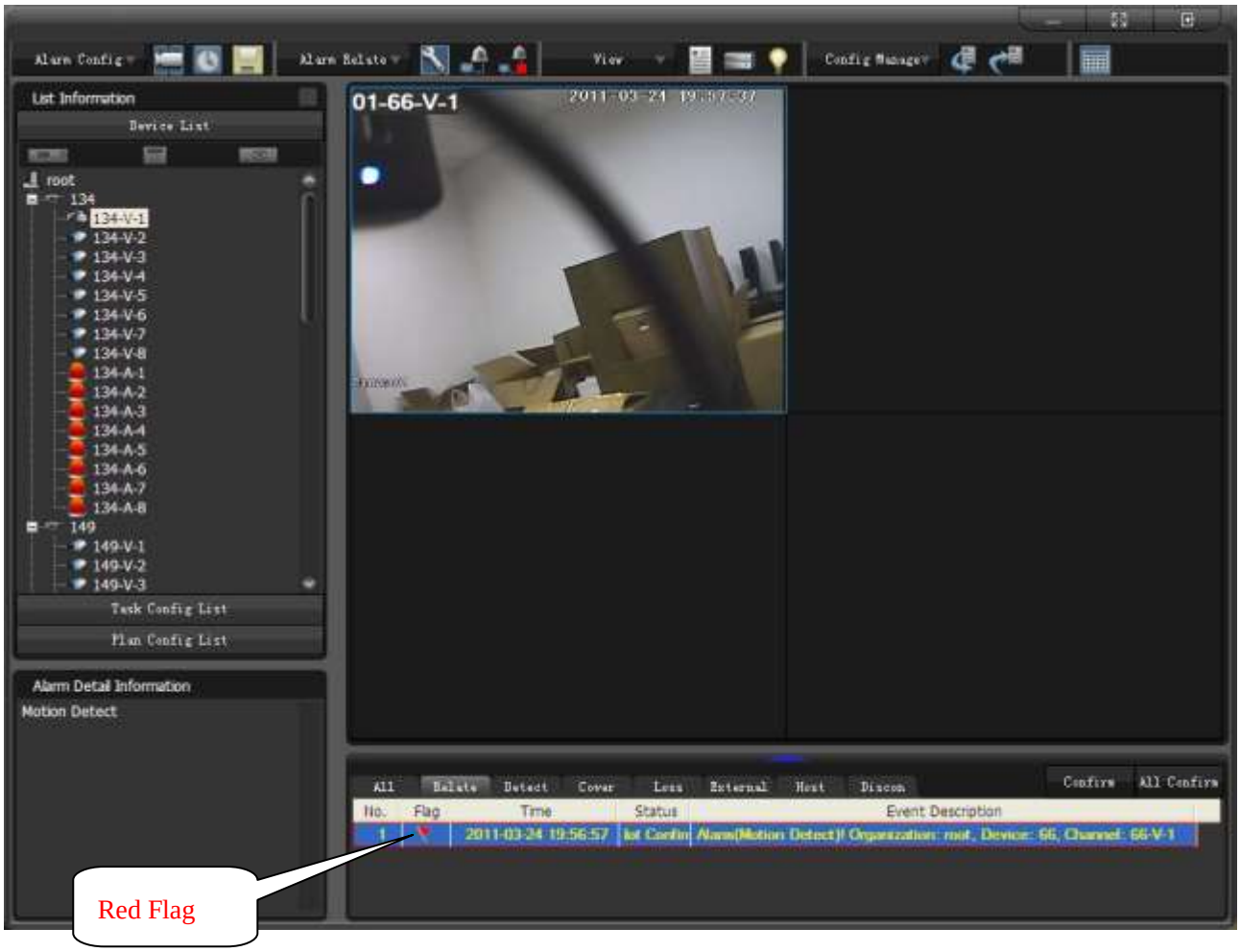

Diagram 4-31

On the popup screen, you will find a voice talk icon to apply this function. (See “ Diagram 4-32”).

Diagram 4-32

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Important note:

1. The flagged alarm record will play the related video.
2. Double left click the alarm record to check the related video when there are more than one alarms are triggered.
3. Turn to the next or previous video by using the up and down icons.
4. Click “Confirm” to end the video relate function.
5. Double left click to full screen this window.

The alarm icon will show on the screen when the alarm is triggered

Diagram 4-33

KEY: : Motion detect; : video loss; : camera masking; : external alarm

If you have already set up the alarm relates’ EMap, the map with alarm indicators will pop up when the alarm is triggered. (See “Diagram 4-34”)

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Diagram 4-34

SMS output and talk output are selectable. Alarm records will be sent to your phone by SMS or output by sound device.

4.3.1 ALARM TASK CONFIG

Click【Alarm】-> 【Task Config】to pop up the interface as “Diagram 4-35”.

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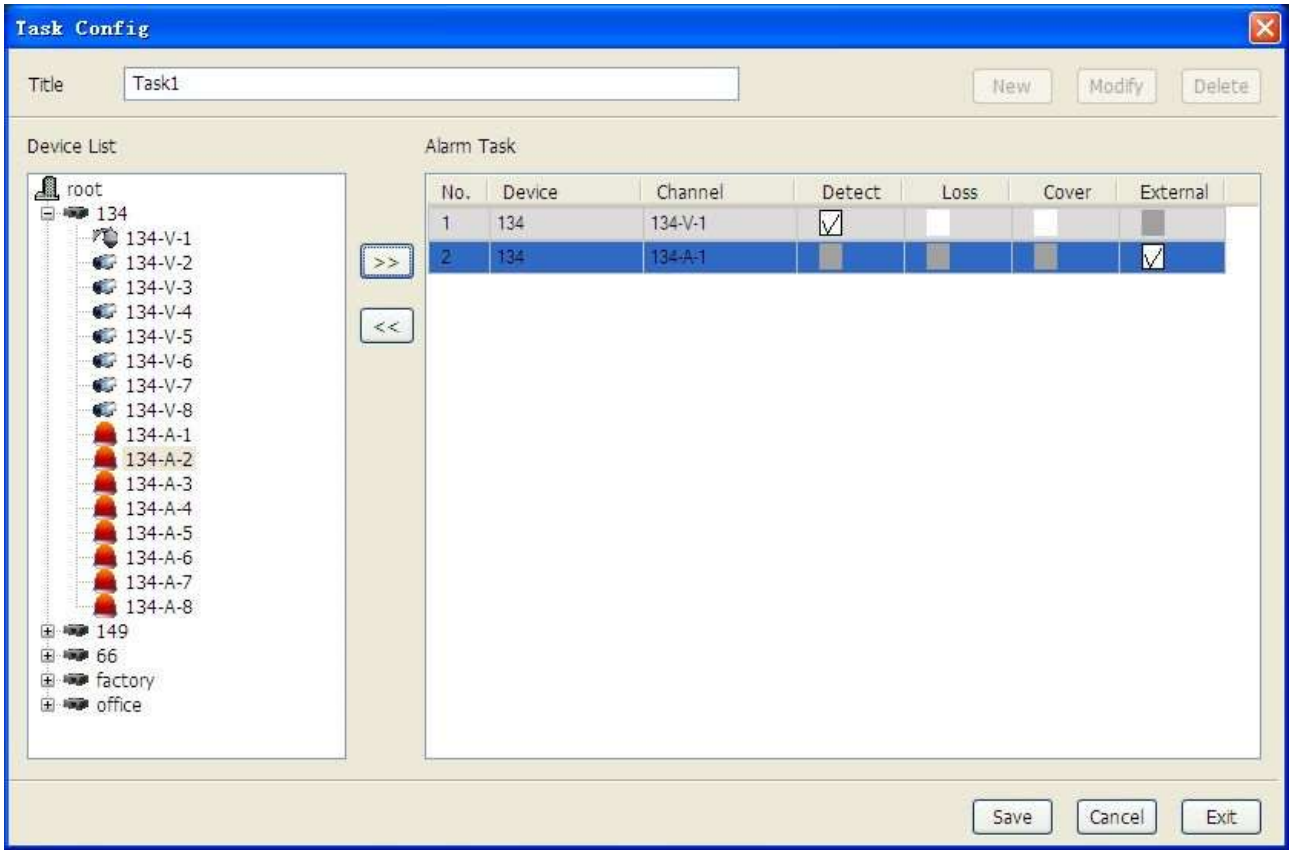

Diagram 4-35

Click【New】to name a task; then select devices for alarm task by >> button; at last save the configuration as a new task.

Click to edit and enable the alarm type.

Click【Delete】to delete a task.

Important note: the running tasks are still valid after you restart the system.

4.3.2 ALARM PLAN CONFIG

Set plans to apply the tasks in particular time periods.

Click【Alarm】-> and then【Plan Config】to pop up the interface as “Diagram 4-36”.

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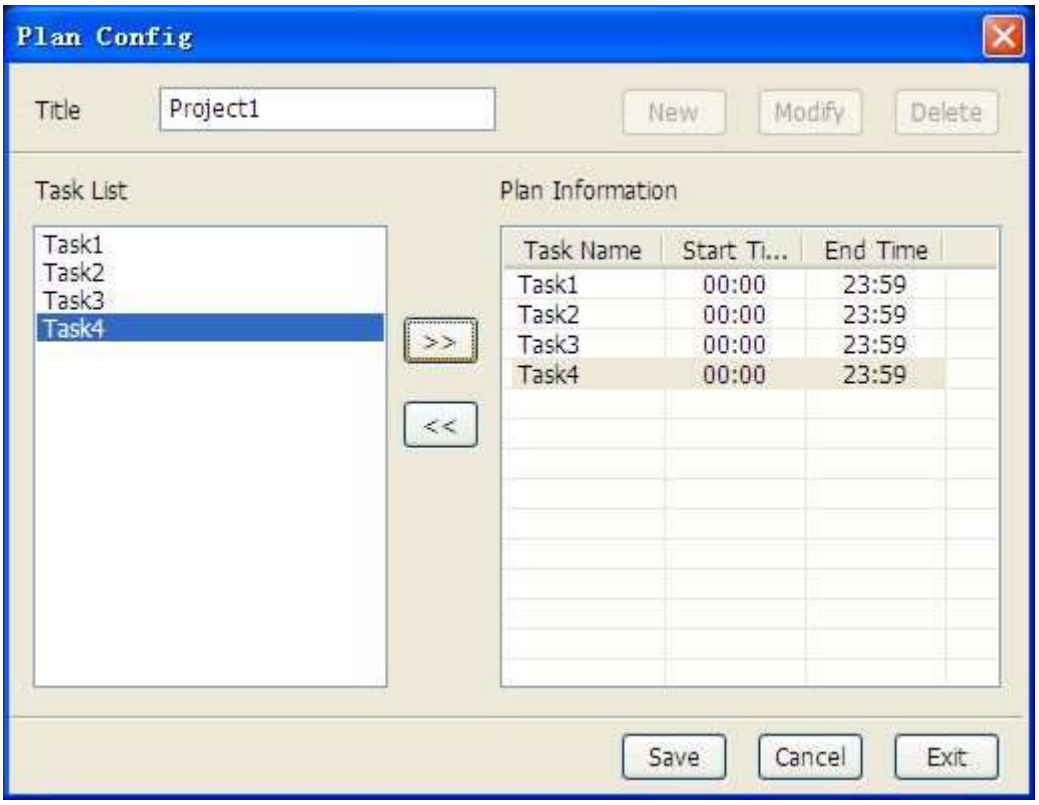

Diagram 4-36

Plans will be automatically canceled when all the tasks are canceled from the list.

4.3.3 RELATE CONFIG

Click【Alarm】-> 【Relate Config】to pop up the interface as “Diagram 4-37”.

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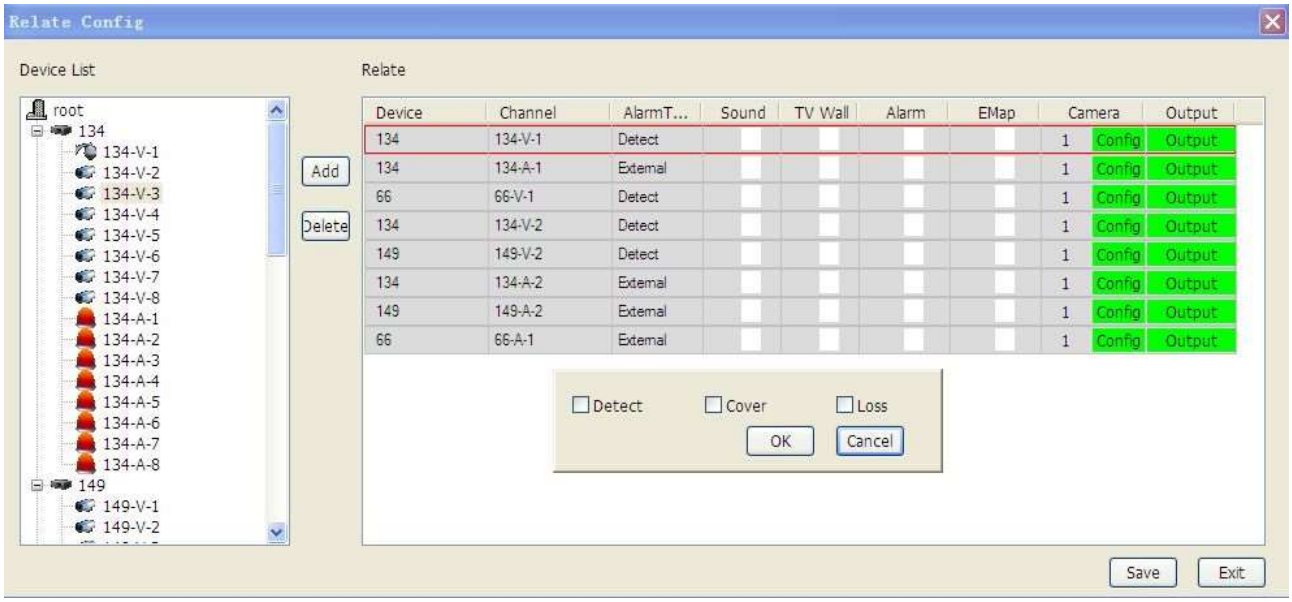

Diagram 4-37

Select the device in list and add it to the relate list. (See “Diagram 4-38”)

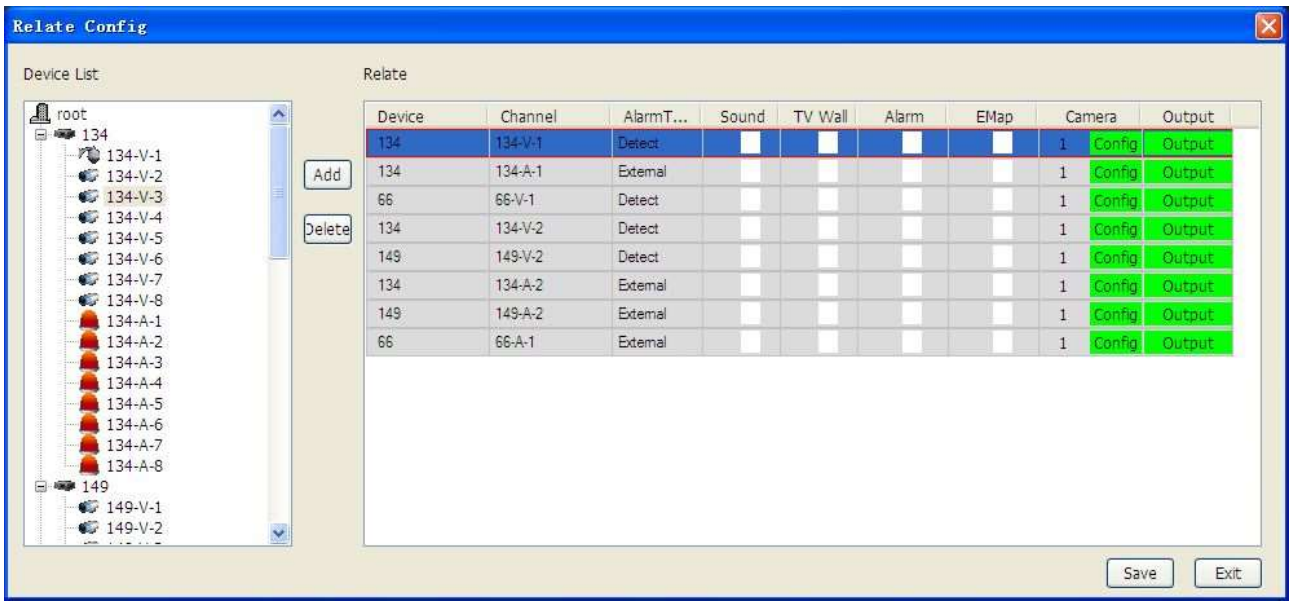

Diagram 4-38

Tick the alarm type which includes sound relate, TV wall relate, EMap relate, and alarm interface relate.

Click the camera【Config】option to pop up the window shown in “Diagram 4-39”.

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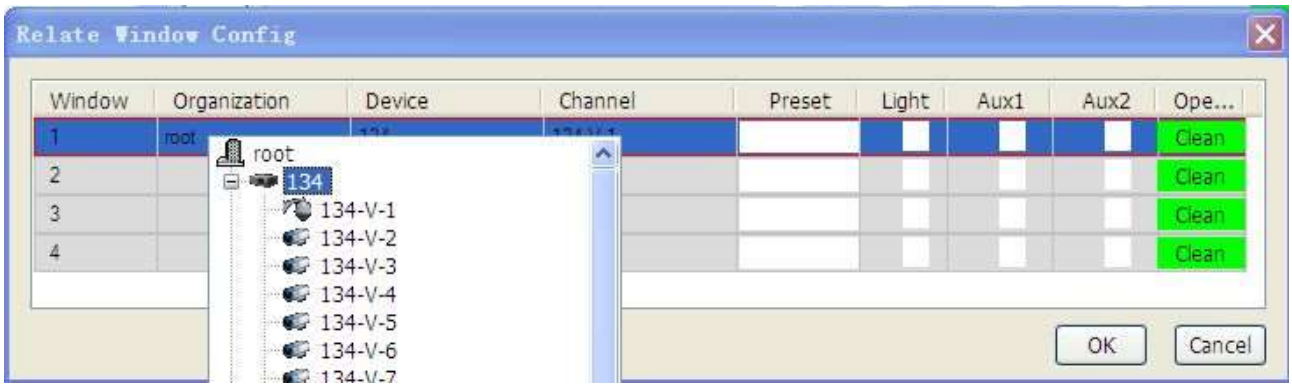

Diagram 4-39

Click the【Output】option to configure the SMS output and talk output. (See “Diagram 4-40”)

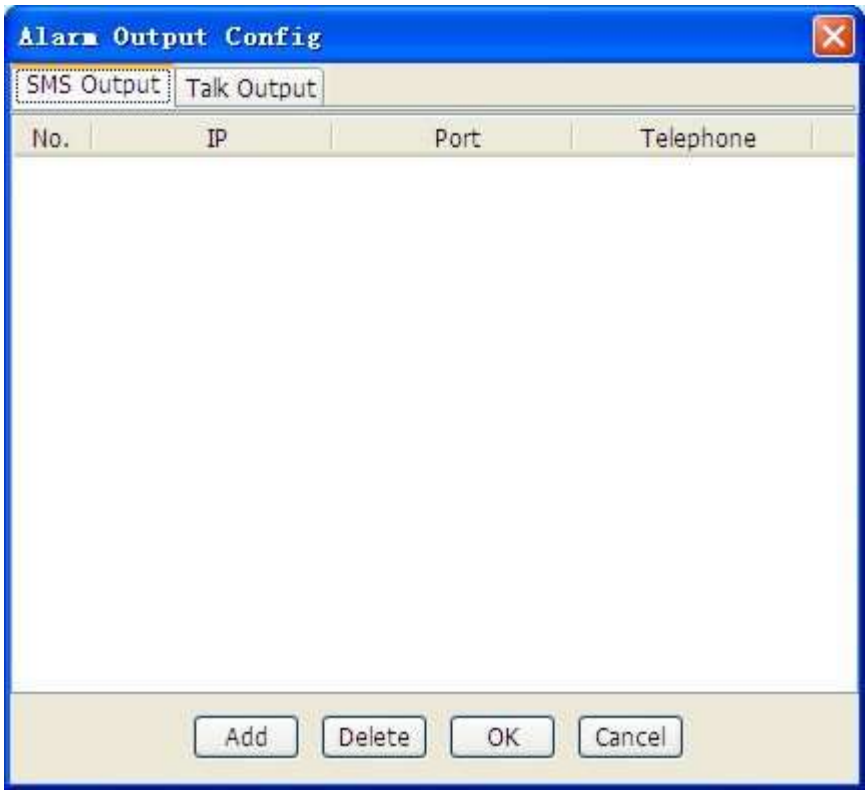

Diagram 4-40

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4.3.4 GLOBAL CONFIG

Click【Alarm】-> then the【Global Config】option to pop up the following interface which include motion detect, cover, video loss, external alarm, host alarm and disconnection alarm.

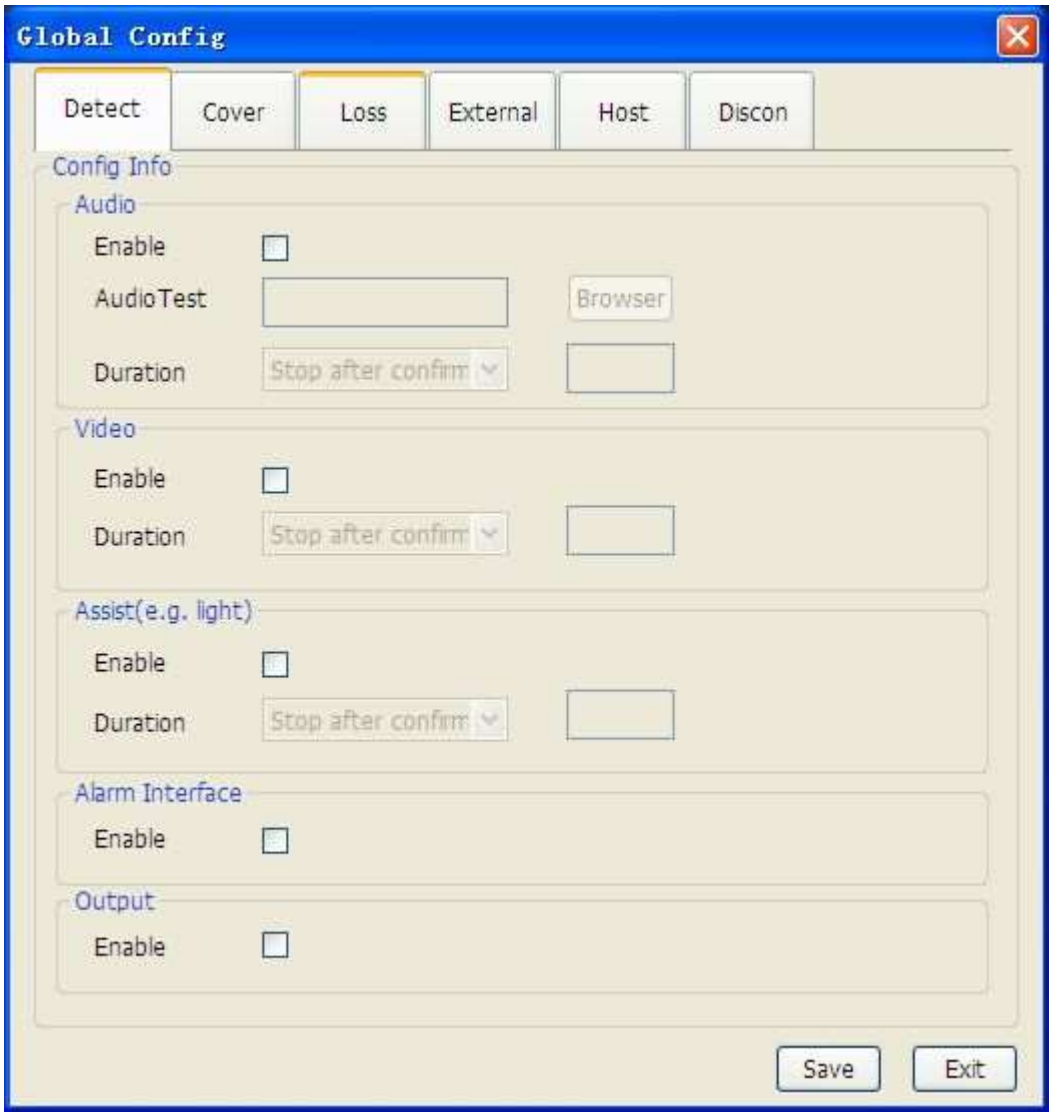

Diagram 4-41

Audio: enable or disable the function. You can select sound and set duration. The audio format is WAV.

Video: enable or disable the video relate. Set popup video duration.

Assist (e.g. light): enable or disable the assist devices and set the devices start time

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Alarm interface: enable the popup alarm interface

Output: enable or disable the alarm output

Important note: Any changes made in the ‘Global config’ options will be implemented to the whole security system. You have to enable the alarm relate before you can setup the SMS alarm alert and talk output functions.

4.4 PTZ CONTROL

Open the PTZ interface to operate a PTZ camera connected to the system. To set step, zoom, focus, iris, preset, auto tour, aux, etc. Click【PTZ Ctrl】to open the toolbar, which is shown below in “Diagram 4-42”.

Diagram 4-42

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KEY: PTZ Controls

Control	Explain
Direction key 8 direction	Up，down，left，right，upper left，upper right，lower left，lower right
SIT	• Single click on this button and the PTZ camera's view will automatically reset to its most central position. • Supports up to 36x zoom in/out function. To enlarge the selected screen (zoom in) drag mouse cursor from the bottom-up, and vice versa to zoom out from the footage of the screen (only controlled by mouse).
Simulate joystick	Enable this function to be able to control the step and camera movement by using the simulated joystick. Use the scroll wheel to control the camera zoom.
Step	There are 1-8 step degrees
Zoom	Control the camera zoom
Focus	Modify the definition and sharpness of the video footage
Iris	Modify the brightness of the video image
Preset	When the PTZ camera moves to the target position, input the preset number and save it so you move the camera back to that target position when you select the preset.
Auto tour	Auto tour lines
Aux	Turns on/off PTZ camera's light (if light feature available)

Form 4-2

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4.4.1 PRESET

Click【PTZ】-> [PRESET] ->【Setup】and the preset menu window will pop up, see “Diagram 4-43” below. Input the number, name and save this preset.

Diagram 4-43

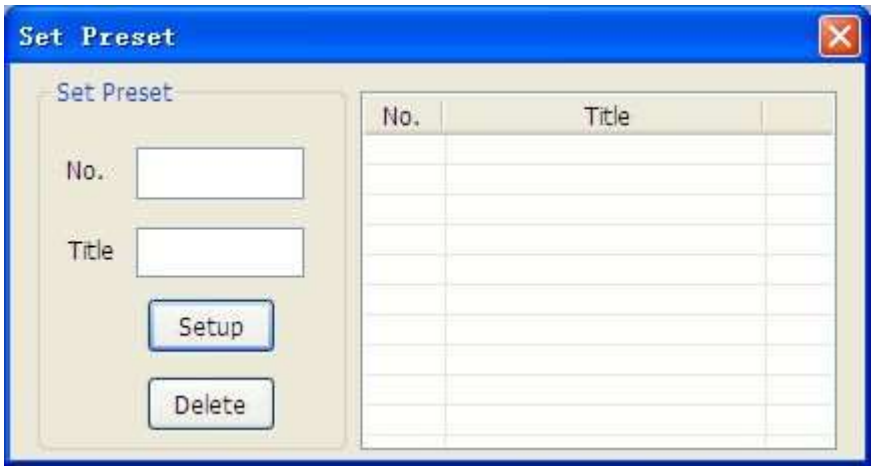

Diagram 4-44

Important note: preset numbers range between 1-128, you can name each preset using either numbers, letters or symbols. The maximum length of the preset name is 16 characters.

Select a preset and click【Delete】to cancel it.

Refer back to the PTZ controls; select a preset form the list, as shown in “Diagram 4-45” then click【Go To】to control the camera’s motion.

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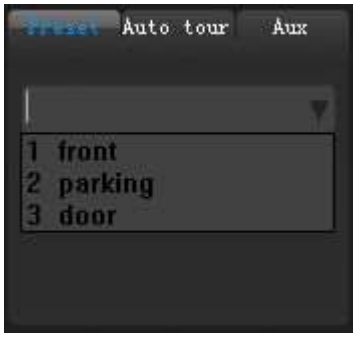

Diagram 4-45

4.4.2 AUTO TOUR

Click【PTZ】->[CRUISE]->【Setup】to pop up the auto tour window as shown in “Diagram 4-46”. This menu will allow you to setup a repeating movement sequence on the PTZ camera.

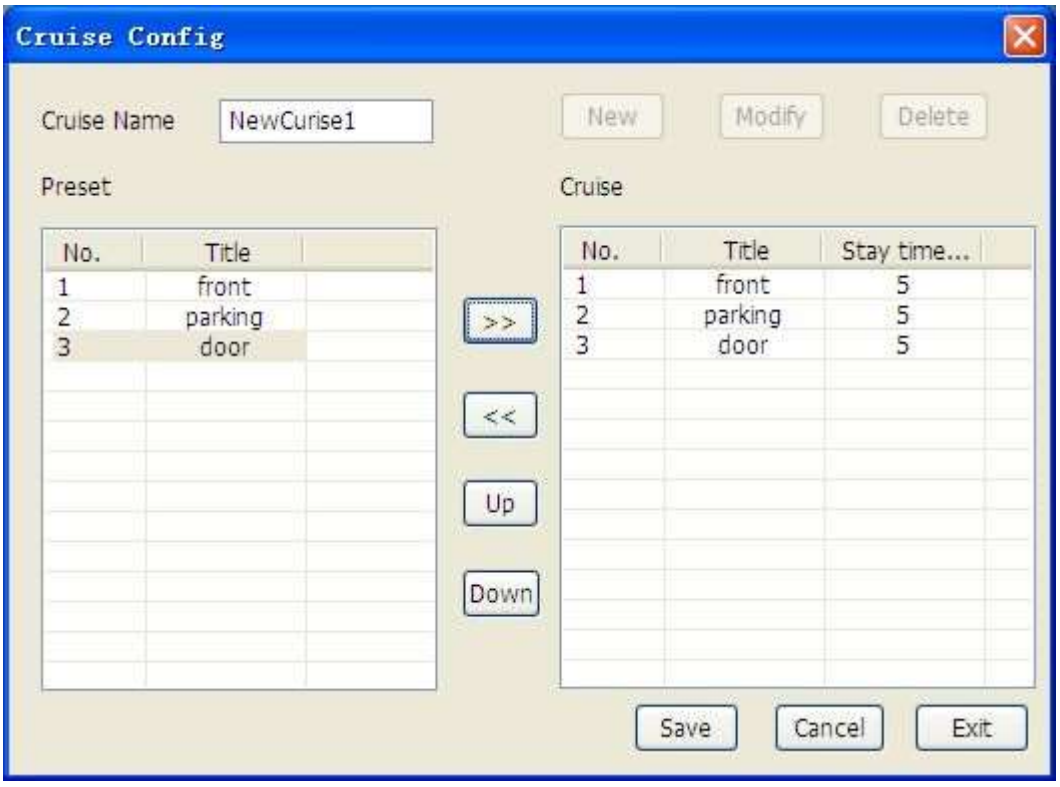

Diagram 4-46

1. Click【New】to add a tour. (See “Diagram 4-47”)

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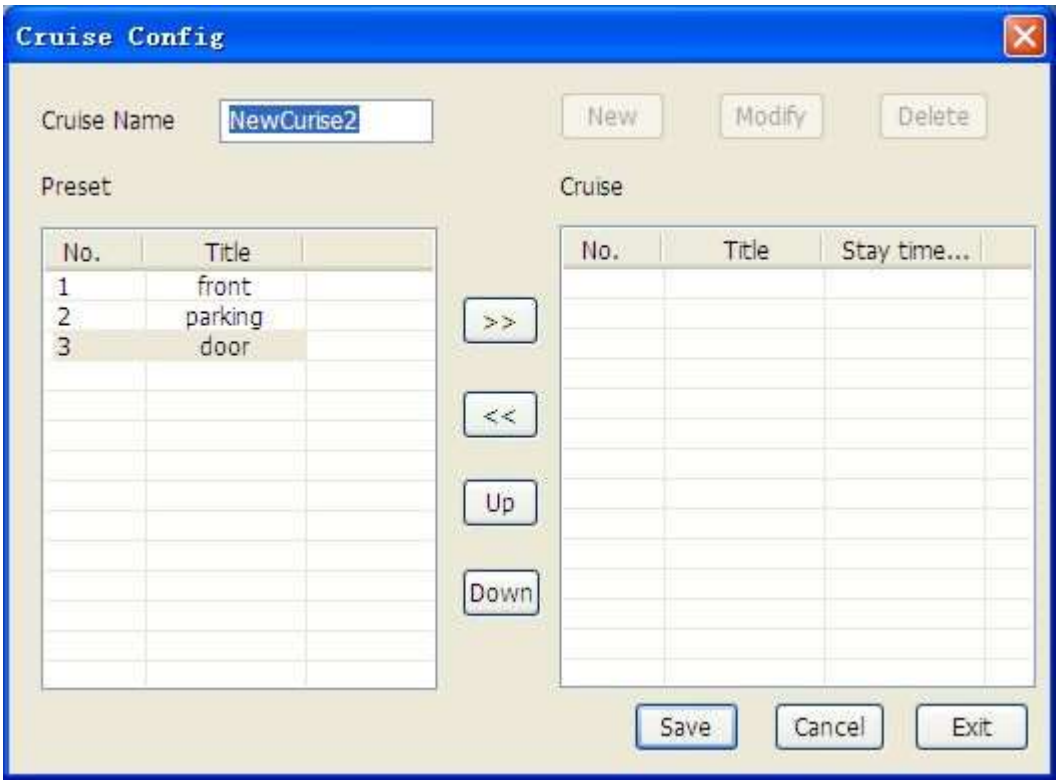

Diagram 4-47

2. Modify tour name, if required.
3. Select preset in the list and add it into tour setup. The maximum presets are 100 in one tour.
4. Double left click on the 'Stay time' to modify, the limit is 3-6000 seconds. The default is 5 seconds.
5. Select a preset in the tour and click to cancel/remove it from this tour.
6. 【Up】and【Down】is used for changing the preset sequence and the tour line.
7. Click【Save】to complete the setting

- The【Modify】operation is the same as adding a new tour routine
- 【Delete】is used to delete a tour
- Click【Exit】to quit

Important note: you can add several presets into a tour at one time.

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Refer back to the PTZ controls, select a tour (See “Diagram 4-48”) and click “Go Preset” to execute the tour.

Diagram 4-48

Important notes:

1. The PTZ controls only works for motorised movement speed domes or rotatable cameras; they are useless for normal camera non-PTZ.
2. You will need system password authorization to apply this function.

4.5 MONITOR PROJECT

The operations in ‘Monitor project’ include task & plan config, pause & resume project, import & export, run & stop tasks.

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4.5.1 TASK CONFIG

“Task” is the sub item of “Save” in screen contact menu. (Highlighted by the red box in “Diagram 4-49”).

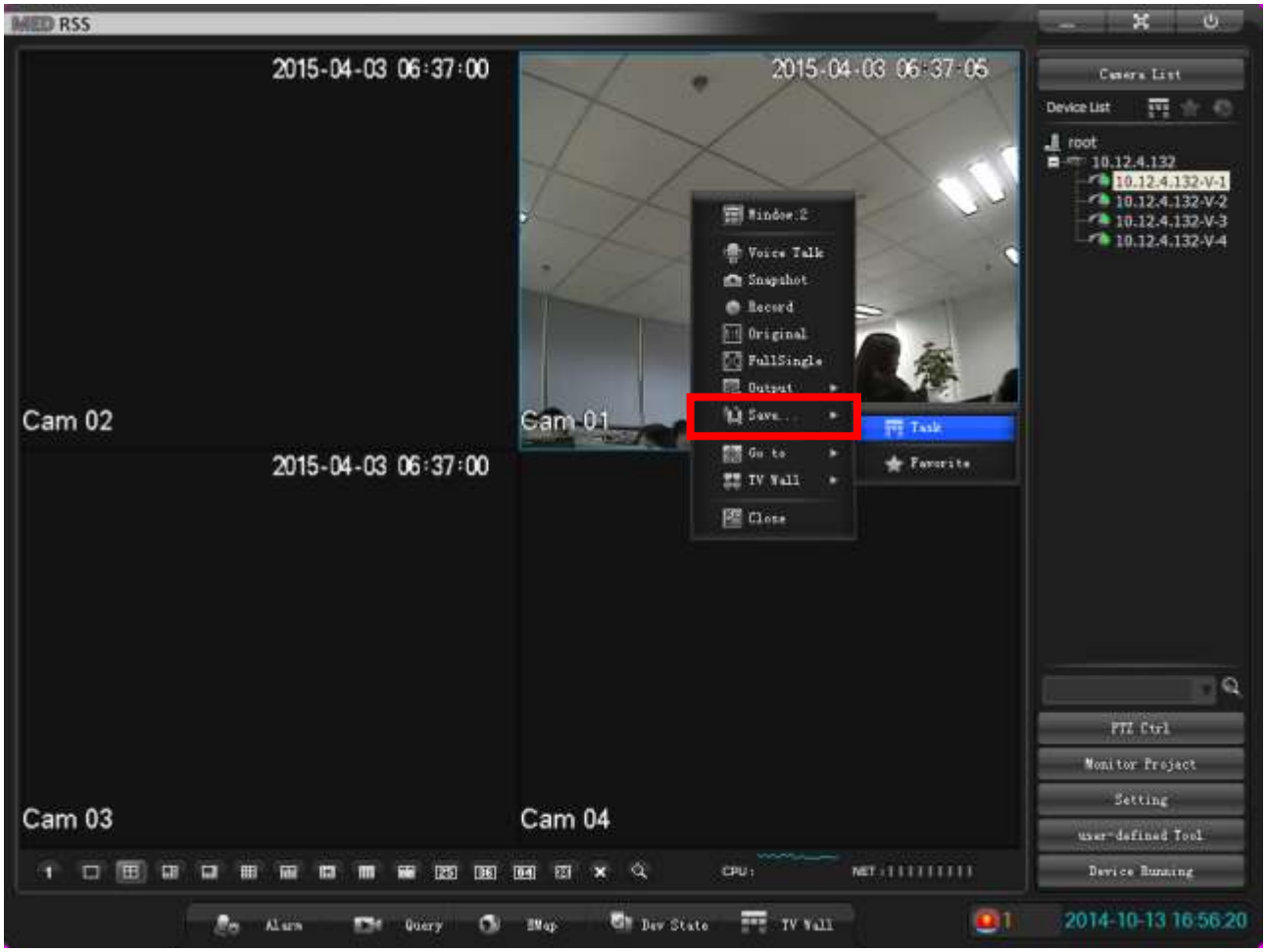

Diagram 4-49

Add new task:

In the popup window, firstly input the task title and select the screen number (1,4,6,8,9,13,16,20,25,36), then select the node or device and add it into the task sub item list. Click ‘Save’ to complete the operation.

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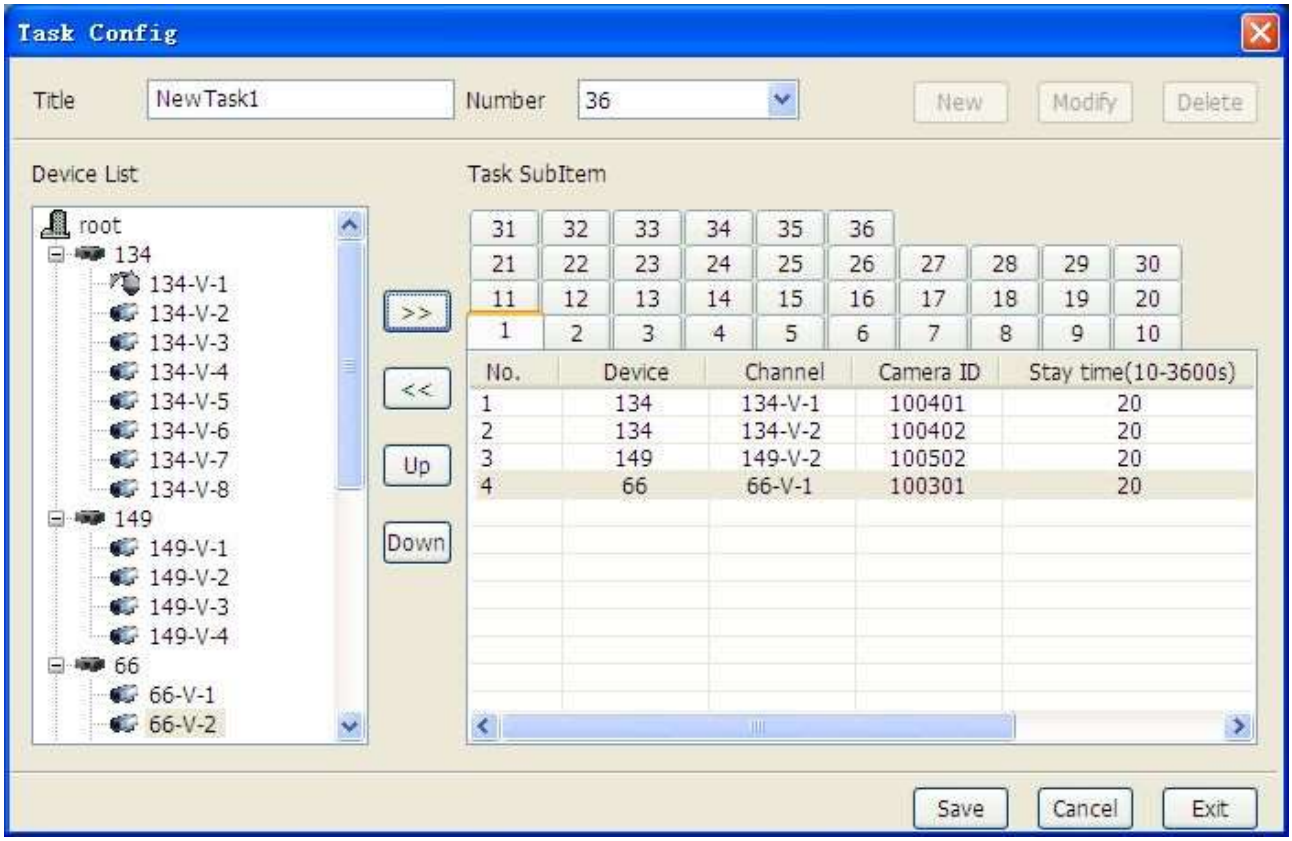

Diagram 4-50

All the channel information is listed in the 'Task SubItem' section to the Task Config menu. In the same menu like the device, channel, camera ID, stop duration (10-3600s), preset (1-128) and stream information is also displayed. Click [>>] to cancel the channel from tasks.

New: add a new task

Modify: modify the task configuration

Stay time: the default is 20 seconds. Double left click to modify the time between 10-3600 seconds.

Preset: double left click to add preset number

Save: save the configuration

Cancel: cancel the select item

Exit: quit this window

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Important note:

1. There can be a maximum of 100 devices in one task
2. Add all the devices on one node into the task by selecting the node.
3. Modify one stay time and apply this time to all in context menu

4.5.2 PLAN CONFIG

“Diagram 4-51” is the ‘Plan Config’ interface. Click “Add” and modify the plan parameter like title, task start/end time. You can put the existing tasks into the plan.

Diagram 4-51

Add several tasks into one plan, set the start and end time to make a cycle execution.

Modify: modify the plan configuration

Delete: delete a plan

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Exit: quit this window

Important note: there are a maximum of 100 tasks in one plan

In the monitor project interface, tick the box next to the task to carry it out.

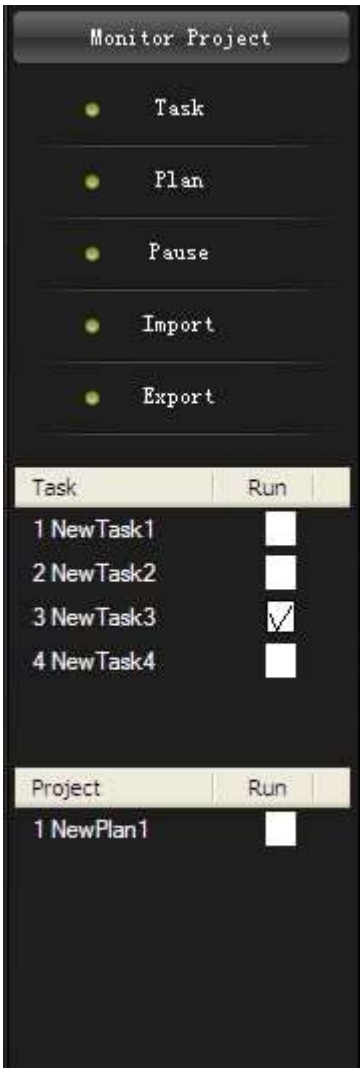

Diagram 4-52

Pause: pause and resume the running project

Import: import tasks and plans list

Export: export tasks and plans list

Important note: the monitor project's configuration is kept locally. Copy the

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configurations between devices via export data and then importing it to a new device.

4.6 EMAP

EMap is used for showing the alarm, camera and device locations. “Diagram 4-53” shows the EMap interface

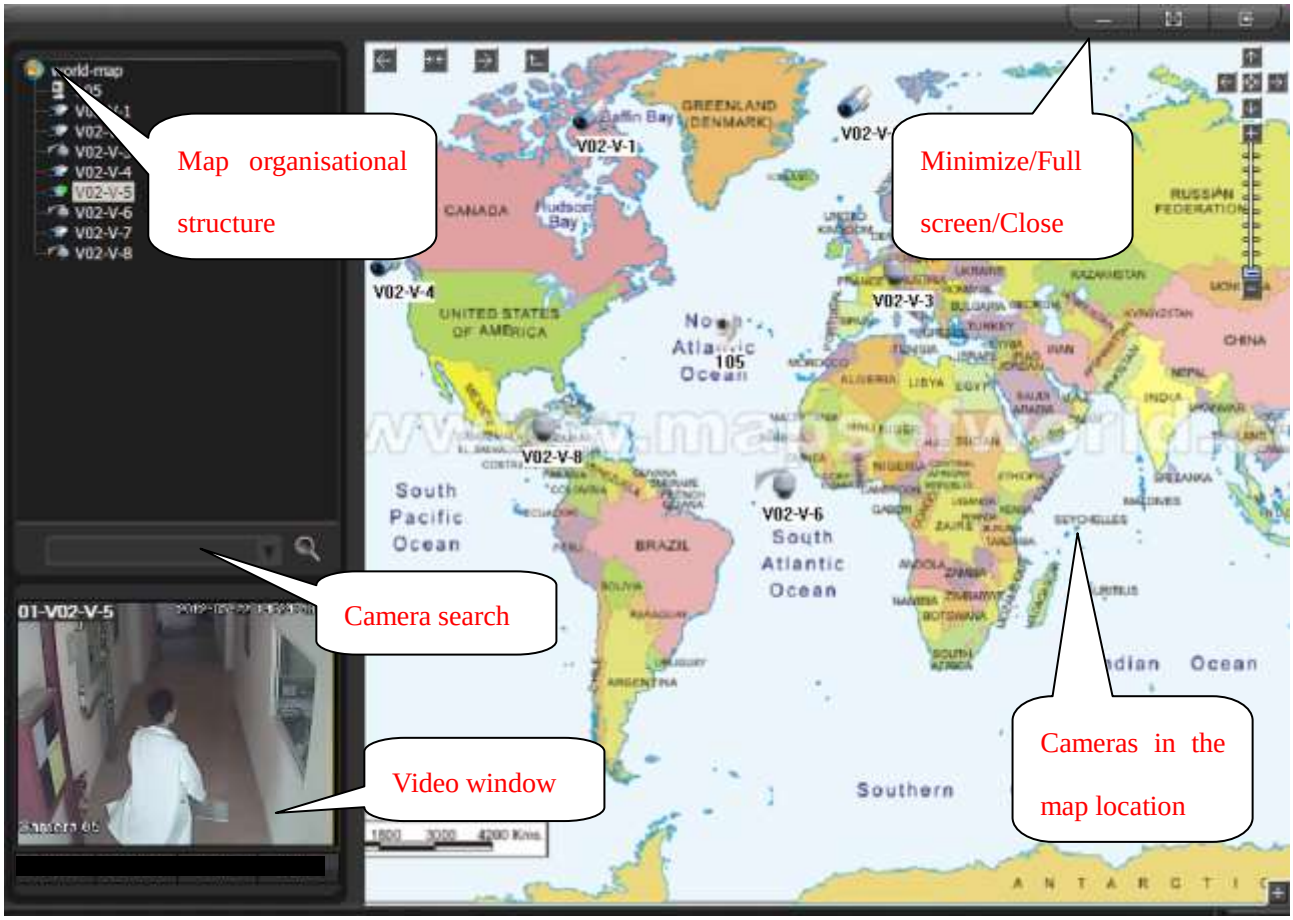

Diagram 4-53

- You can find camera, alarm and next level map icons on the map of the world.
- Double left click to view the next map level icon to turn to that particular map.
- Single click on a camera within the organizational device structure to get the camera location on map. Double left click the camera within list or upon the map to play the live view in left buttom screen.

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Diagram 4-54

Double left click the screen to turn to the full screen mode; double left click again or press “ESC” to quit.

【PTZ Control】: control the camera’s motion (if PTZ function is available on camera)

【Talk】: talk with front–end device

【Send】: send the video to playback window

【Stop】: stop the video playing

: minimize the map

: full screen the map. The icon highlighted green in “Diagram 4-55” is the full screen quit button

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Diagram 4-55

: close the map

Important note:

1. Zoom in/out by using the scroll wheel

2. : triggered alarm : camera unconnected : device alarm triggered

: device unconnected

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4.7 DEVICE STATE

[Dev State] shows the current stream, motion detect, camera masking, video loss, external alarm states.

(See “Diagram 4-56”)

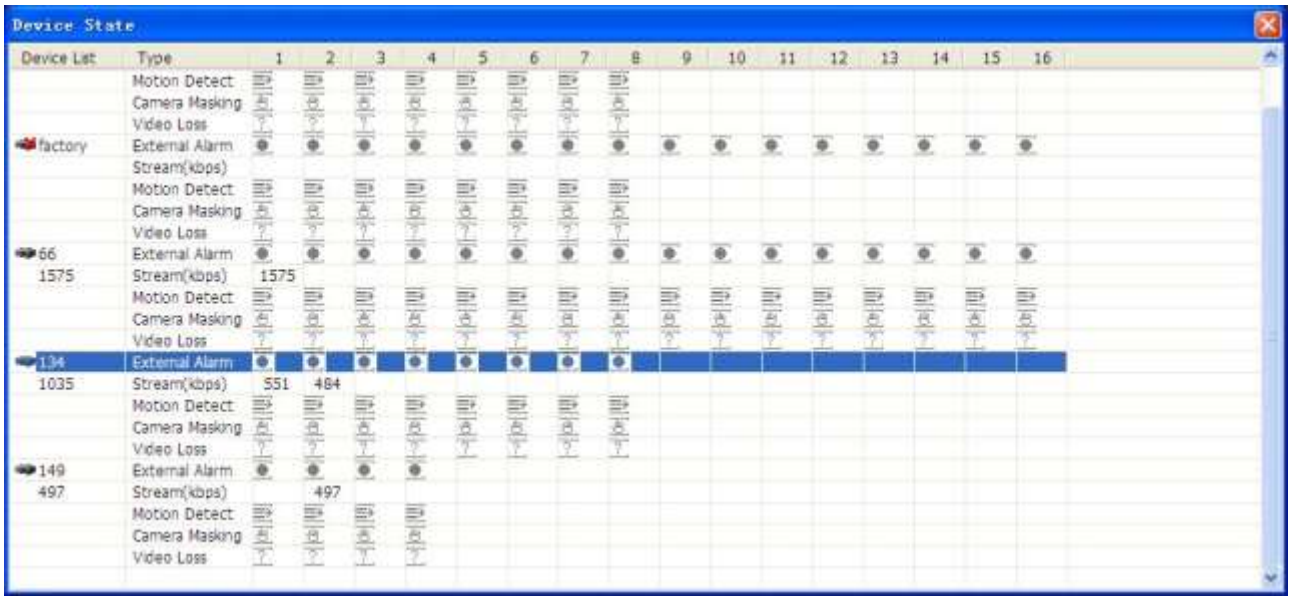

Diagram 4-56

1-16 is the channel number; : motion detect : camera masking : video loss : external alarm

Important note: green icons mean that the function is on; red icons indicate that and alarm has been triggered.

4.8 USE-DEFINED TOOL

Click in【Use-defined Tool】to check.

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4.9 DEVICE RUNNING

① Hard disk status（√: enable, X: disable） ② Memory （red: full, blue: enough space） ③ Voice talk status ④ Recording status ⑤ Motion detect status ⑥ Cover alarm status ⑦ Loss alarm status ⑧ External alarm status (See “Diagram 4-57”)

Diagram 4-57

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4.10 UPPER RIGHT ICONS

4.10.1 MINIMIZE

Click to hide the interface11

4.10.2 FULL SCREEN

Click to switch to full screen mode.

4.10.3 SHUTDOWN

Click to pop up the shutdown window. (Diagram 4-58)

Diagram 4-58

Lock: lock the system. You need the password to unlock it. (See “Diagram 4-59”)

Diagram 4-59

Switch On: the system will reboot as you click the “Switch On” button, then input the new

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username and password to login to your account.

Exit: exit the system (power down system).

Important note: When you login for the first time using the 'System' account login details, you will only have a limited set of authorities, which include 'Live View' monitoring, creating new login accounts and configuring them. Create your own account, with its own login details, and set the desired authorities to it. Reboot the system and login to your account with your newly created login details.

4.11 CPU & NETWORK

CPU：wave range graph refers the CPU utilization amount being used by the system at the time.

NET: refers to the net signal strength/speed

4.12 DATE & ALARM & LOG

Displays the time, date, and number of alarms within the system.

Click alarm number to view the alarm configuration interface, see **4.3 ALARM.**

Click date and time to pop up the system's log interface.

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5 SYSTEM SETTINGS

In this section you will able to find and configure local set, modify password, log, update, screen-out, virtual keyboard, license and admin config options in [Setting]. (See “Diagram 5-1”)

Diagram 5-1

5.1 LOG

Records account events, operations and alarm information to a system log.

Search and download the records according to its time, type, device and username in 【LOG】interface. See “Diagram 5-2”

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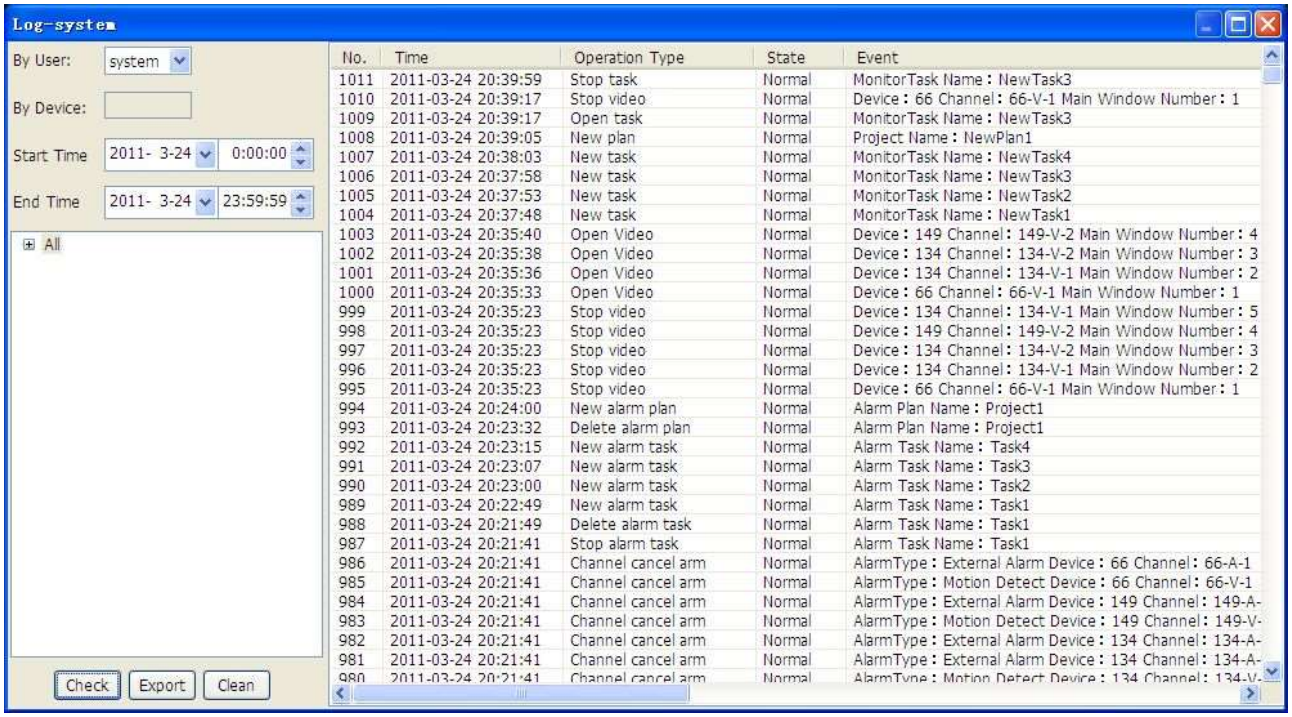
Log-system
By User:
system
By Device:
Start Time
2011- 3-24
0:00:00
End Time
2011- 3-24
23:59:59
All
Check
Export
Clean
No. Time Operation Type State Event
1011 2011-03-24 20:39:59 Stop task Normal MonitorTask Name : NewTask3
1010 2011-03-24 20:39:17 Stop video Normal Device : 66 Channel: 66-V-1 Main Window Number : 1
1009 2011-03-24 20:39:17 Open task Normal MonitorTask Name : NewTask3
1008 2011-03-24 20:39:05 New plan Normal Project Name : NewPlan1
1007 2011-03-24 20:38:03 New task Normal MonitorTask Name : NewTask4
1006 2011-03-24 20:37:58 New task Normal MonitorTask Name : NewTask3
1005 2011-03-24 20:37:53 New task Normal MonitorTask Name : NewTask2
1004 2011-03-24 20:37:48 New task Normal MonitorTask Name : NewTask1
1003 2011-03-24 20:35:40 Open Video Normal Device : 149 Channel: 149-V-2 Main Window Number : 4
1002 2011-03-24 20:35:38 Open Video Normal Device : 134 Channel: 134-V-2 Main Window Number : 3
1001 2011-03-24 20:35:36 Open Video Normal Device : 134 Channel: 134-V-1 Main Window Number : 2
1000 2011-03-24 20:35:33 Open Video Normal Device : 66 Channel: 66-V-1 Main Window Number : 1
999 2011-03-24 20:35:23 Stop video Normal Device : 134 Channel: 134-V-1 Main Window Number : 5
998 2011-03-24 20:35:23 Stop video Normal Device : 149 Channel: 149-V-2 Main Window Number : 4
997 2011-03-24 20:35:23 Stop video Normal Device : 134 Channel: 134-V-2 Main Window Number : 3
996 2011-03-24 20:35:23 Stop video Normal Device : 134 Channel: 134-V-1 Main Window Number : 2
995 2011-03-24 20:35:23 Stop video Normal Device : 66 Channel: 66-V-1 Main Window Number : 1
994 2011-03-24 20:24:00 New alarm plan Normal Alarm Plan Name : Project1
993 2011-03-24 20:23:32 Delete alarm plan Normal Alarm Plan Name : Project1
992 2011-03-24 20:23:15 New alarm task Normal Alarm Task Name : Task4
991 2011-03-24 20:23:07 New alarm task Normal Alarm Task Name : Task3
990 2011-03-24 20:23:00 New alarm task Normal Alarm Task Name : Task2
989 2011-03-24 20:22:49 New alarm task Normal Alarm Task Name : Task1
988 2011-03-24 20:21:49 Delete alarm task Normal Alarm Task Name : Task1
987 2011-03-24 20:21:41 Stop alarm task Normal Alarm Task Name : Task1
986 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : External Alarm Device : 66 Channel: 66-A-1
985 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : Motion Detect Device : 66 Channel: 66-V-1
984 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : External Alarm Device : 149 Channel: 149-A-
983 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : Motion Detect Device : 149 Channel: 149-V-
982 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : External Alarm Device : 134 Channel: 134-A-
981 2011-03-24 20:21:41 Channel cancel arm Normal AlarmType : External Alarm Device : 134 Channel: 134-A-

Diagram 5-2

Important note: click【ALL LOG】to get the all records of the selected device

5.2 LOCAL SET

“Diagram 5-3” shows the [Local Set] interface. You can set the record, display, system and some other parameter within this interface.

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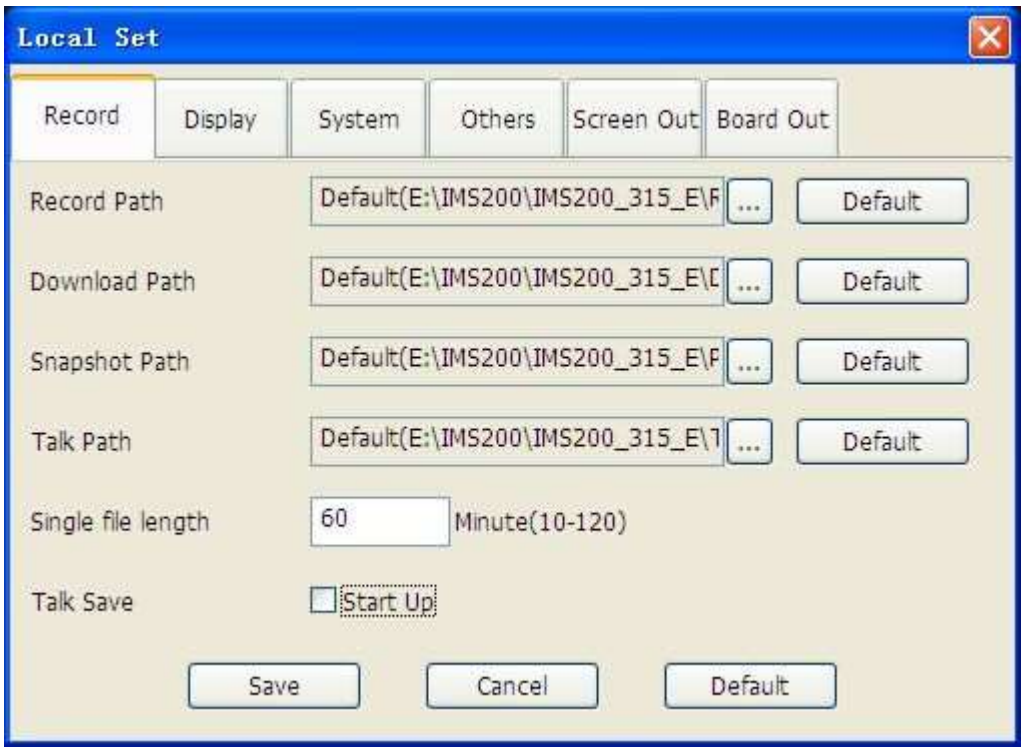

Diagram 5-3

5.2.1 RECORDING SETTING

Record (Diagram 5-3): modify recording, download path, snapshot path and talk path, set the single file length and enable the talk save.

5.2.2 DISPLAY SETTING

Display (Diagram 5-4): enable the toolbar and EMap's device name, set the map size, log number and media transfer protocol.

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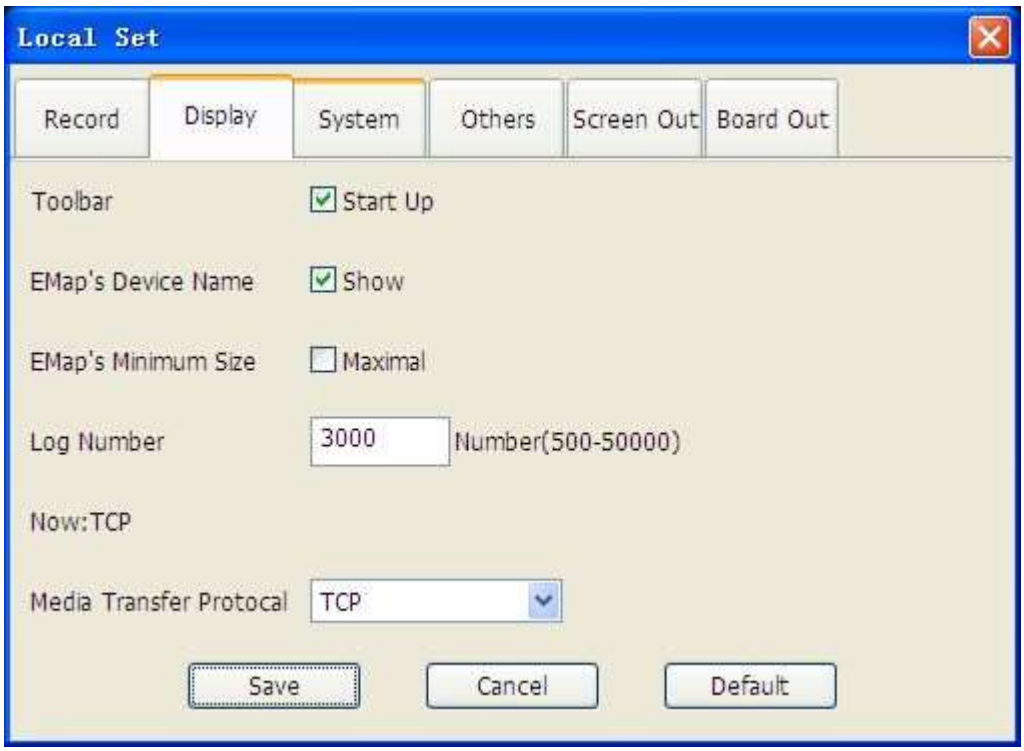

Diagram 5-4

Important note: suggest UDP protocol for internal local area network; TCP protocol for a wide area Ethernet.

5.2.3 SYSTEM SETTING

System (Diagram 5-5): set start screen mode (the options include: 1\4\6\8\9\10\13\16\20\25\36), organisation level, multi-window config (main interface, query, EMap and alarm), auto task running config, and system startup mode.

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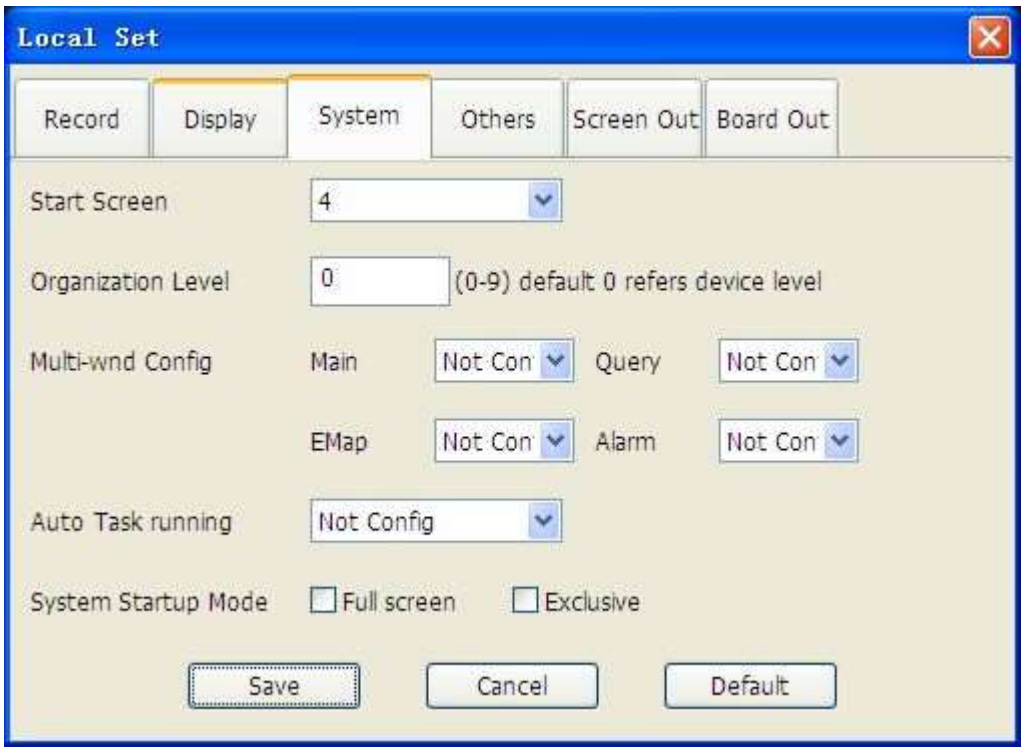

Diagram 5-5

Set the start screens as per your requirement;

Set a multi-level structure, like “country->province->city->street” 4 levels.

Enable the task auto running;

System startup mode: you can alternate between full screen and exclusive area views;

Multi-window config; set to display either the Main, Query, Map and Alarm interface. See “Diagram 5-6”

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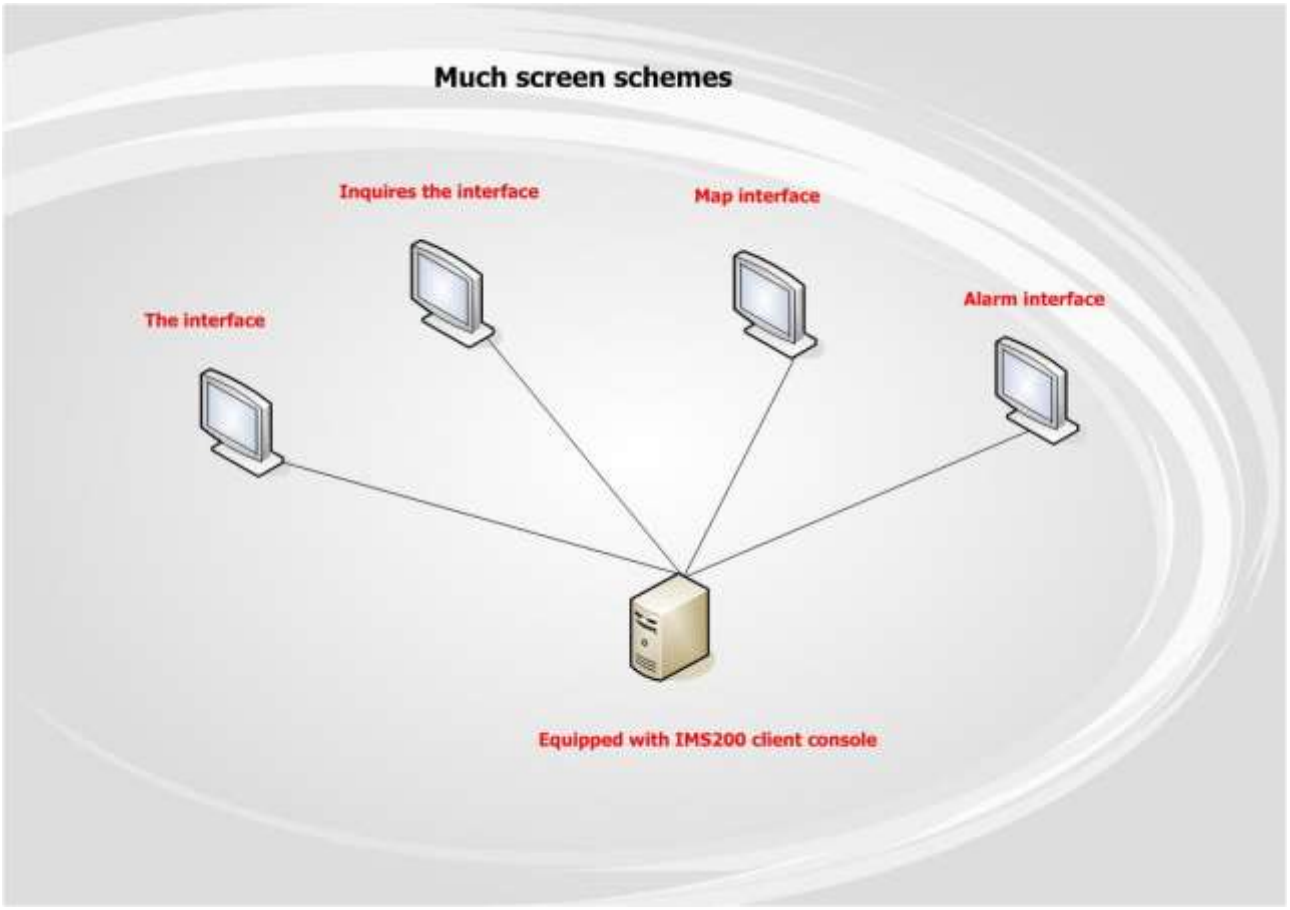

Diagram 5-6

5.2.4 OTHERS

Others (Diagram 5-7): set playback forward time, interval, disparity, device running and language.

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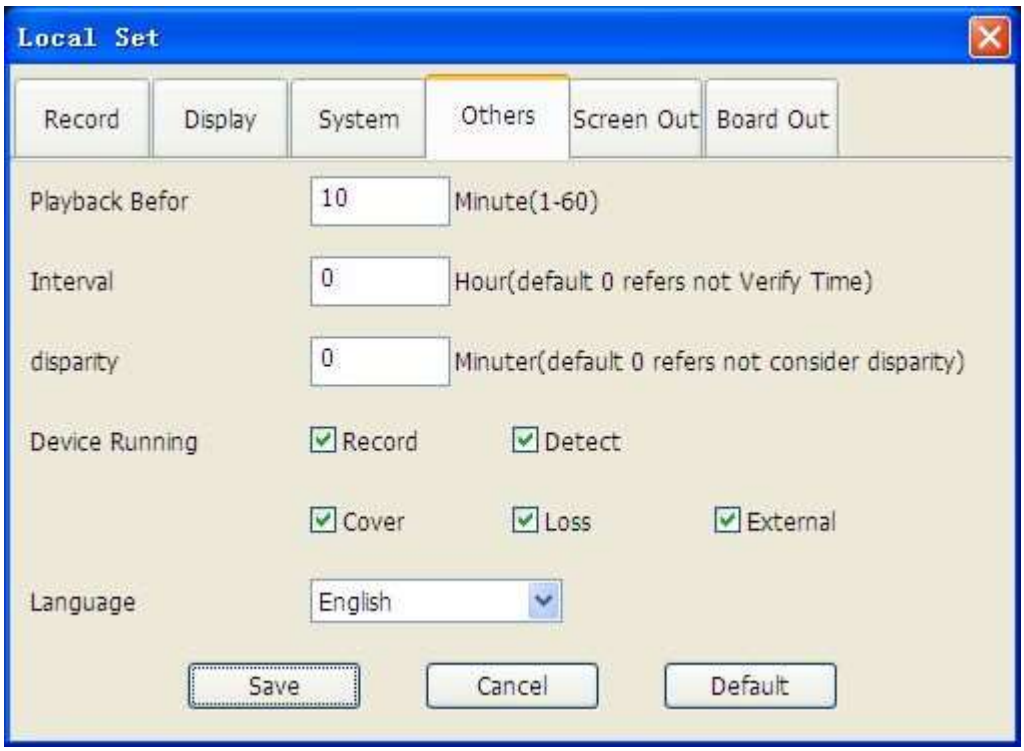

Diagram 5-7

5.2.5 SCREEN OUT

To set the OSD background color and text color. Diagram 5-8 shows the [Screen Out] interface

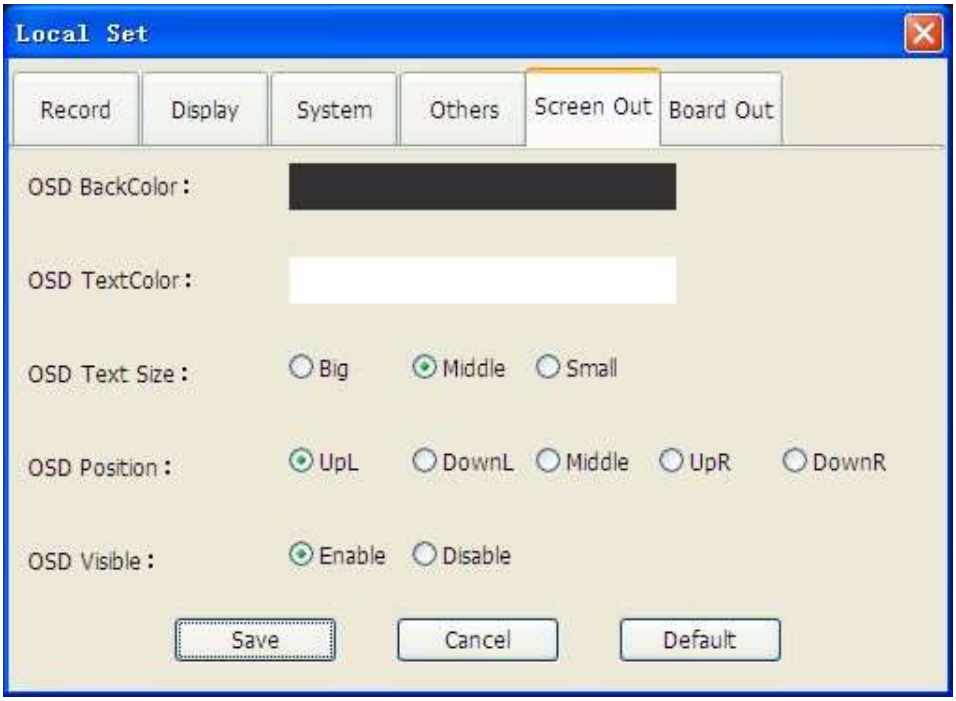

Diagram 5-8

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Click “OSD BackColor” and “OSD TextColor” to set color

You can also set the “OSD Text Size”, “OSD Position” and “OSD Visible”

If OSD is visible, the information will show on the upper left, see “Diagram 5-9”

Diagram 5-9

5.2.6 VIRTUAL KEYBOARD

The virtual keyboard (appears within the interface, and viewable via the monitor), can work alongside a physical keyboard connected to the workstation where MED RSS is installed upon. Please consult technical support staff for further details.

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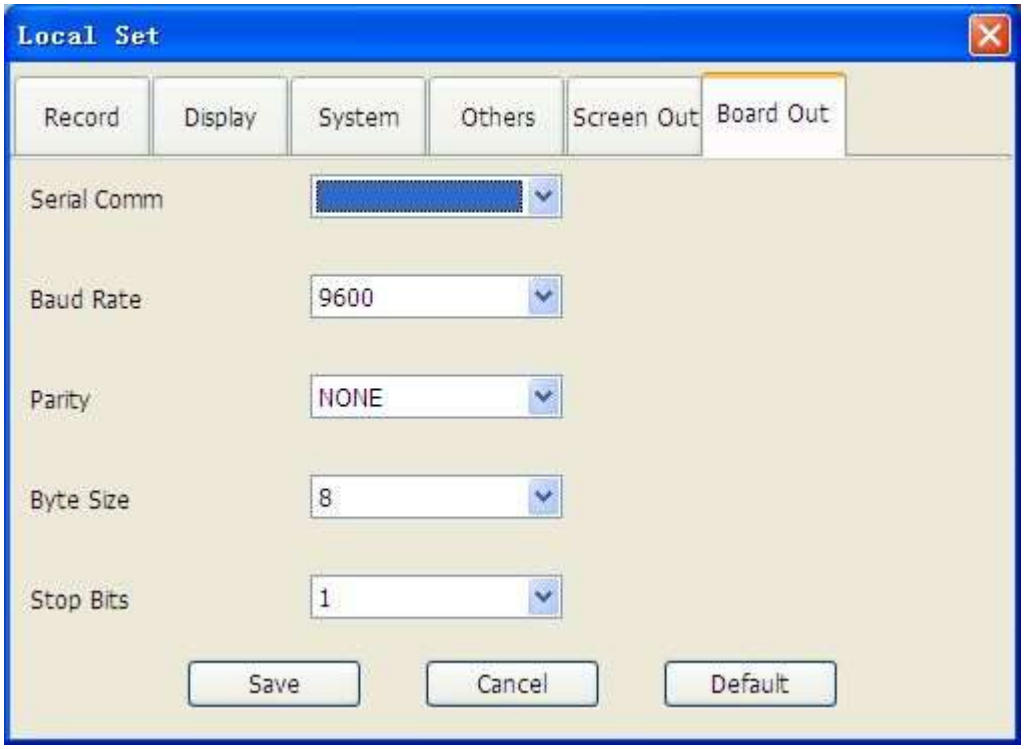

Diagram 5-10

5.3 ADMIN CONFIG

Click【Admin Config】to enter the interface，see”Diagram 5-11

Diagram 5-11

There are “Organisation”, “EMap” and “System” options in [Admin Config].

5.3.1 USERS & DEVICE

Click【Organisation】to enter the following interface:

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Diagram 5-12

① List of the organisational structure. You can add, modify and delete nodes here and click a node to open the sublist (only the “system” account has the authority to operate).

② This section contains the users and the devices attached to the system. You can add, modify and delete users and devices here.

1. **Users**

- **Add:** select a node and click to pop up the following interface

Diagram 5-13

- **Modify:** select a user and click icon to modify user information
- **License:** the [Device List] (Diagram 5-14) will pop up when you select one user. Tick the device or channel to in the list to authorise and click to save the modify.

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Diagram 5-14

- **Delete:** select a user or a device you want to delete and click

2. **Device**

- **Add**: select an organisation node and click to add device in this node. Input the device data in the popup window and click to finish the process (the “Device Channel Count” and “Alarm Channel Count” auto generate according to the device IP). See”Diagram 5-15”.

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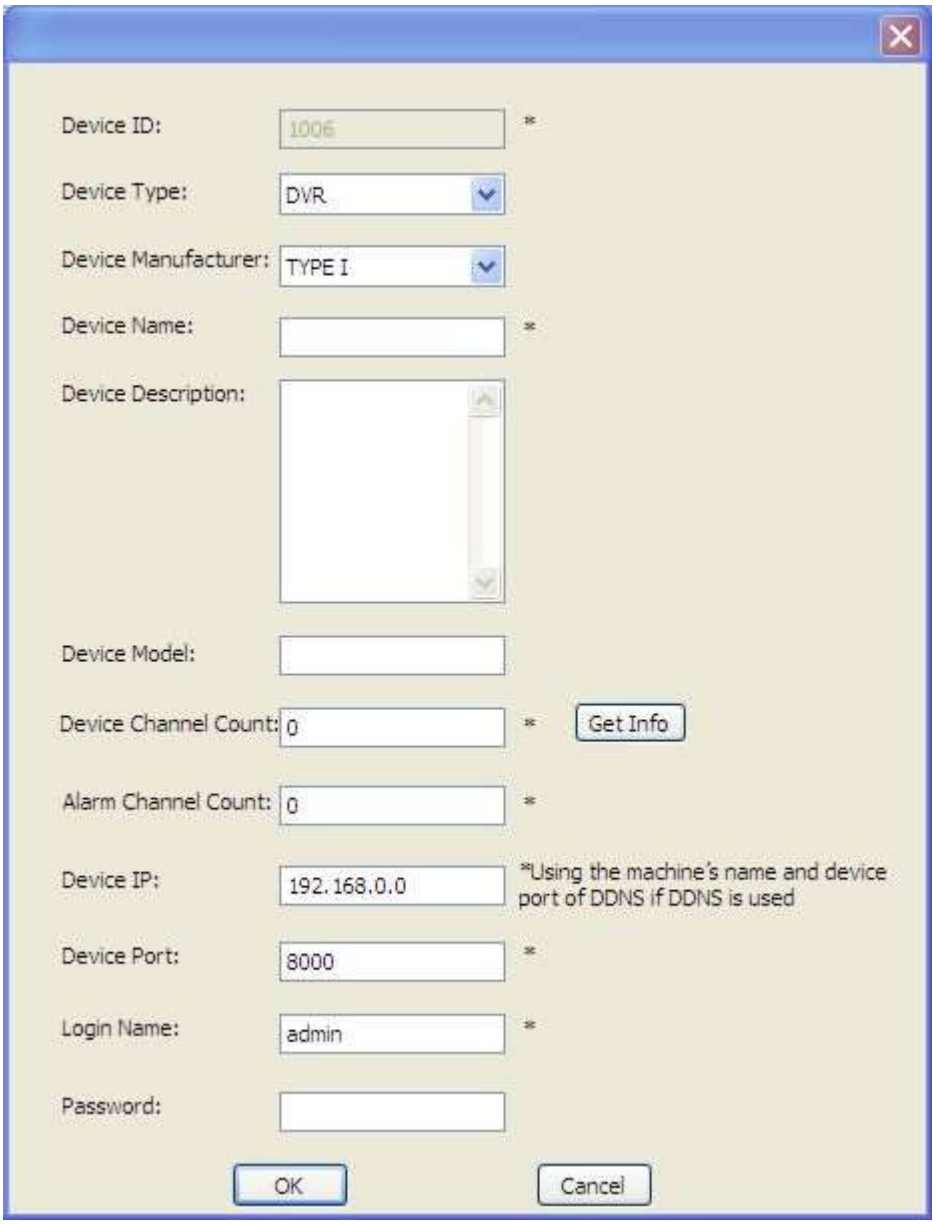

Diagram 5-15

Modify: select a device and click its icon to modify the information

Device Information: the interface, which contains [Device Information], [Video Channel] and [Alarm Channel] will pop up when you select a device. See “Diagram 5-16”

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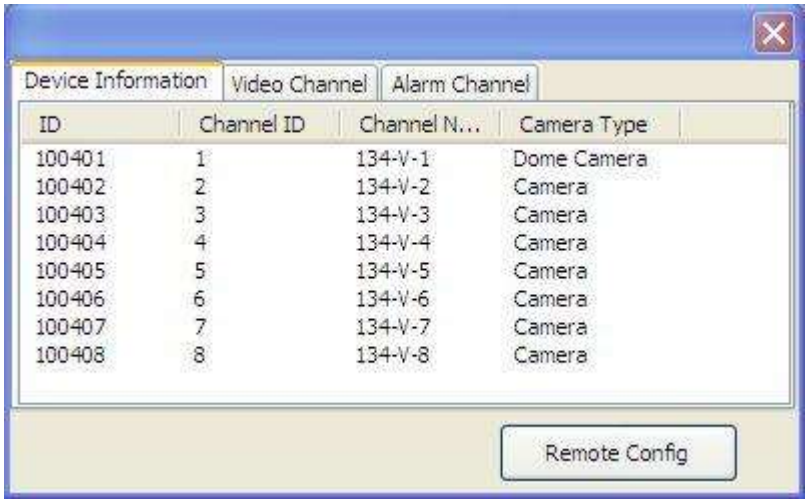

Diagram 5-16

Diagram 5-16 is the [Device Information] interface

Diagram 5-17 is the [Video Channel] interface

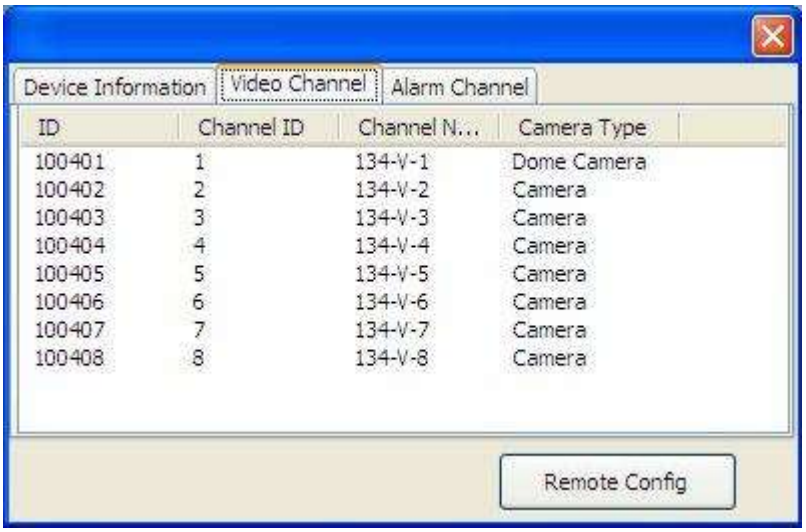

Diagram 5-17

Double left click a channel to pop up [Channel Information], see “Diagram 5-18”.

You can modify channel name and type in [Channel Information]. The camera type include camera, PTZ dome camera and dome camera.

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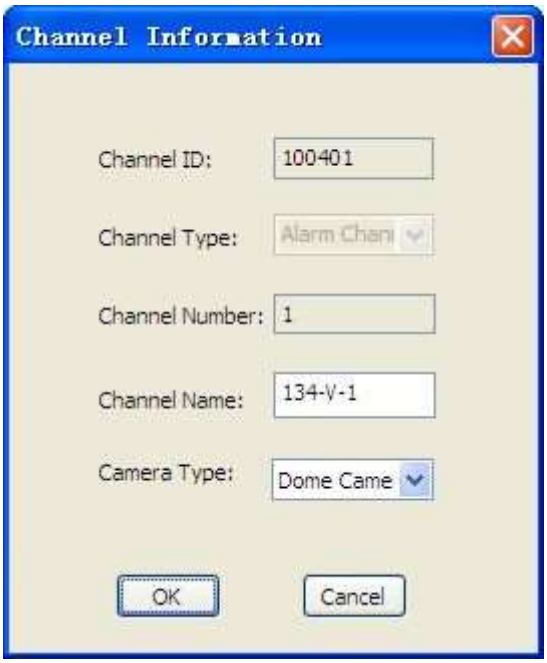

Diagram 5-18

"Diagram 5-19" shows the [Alarm Channel] interface

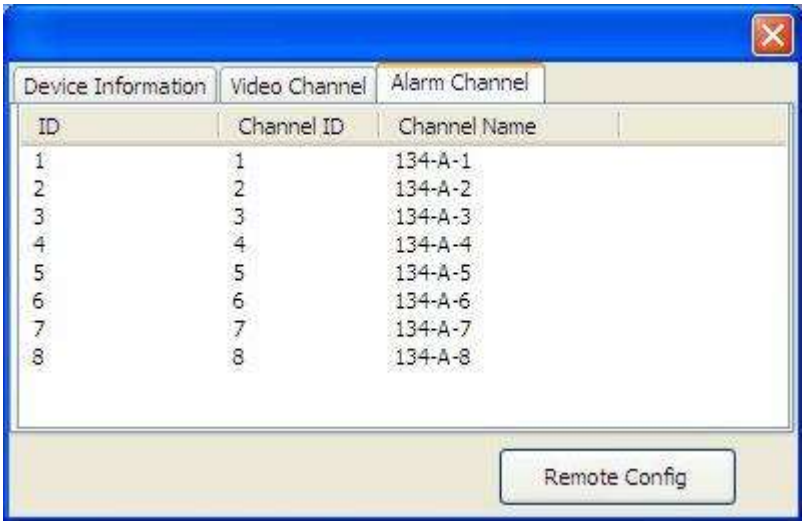

Diagram 5-19

Double left click an alarm channel to see the popup window, see "Diagram 5-20"

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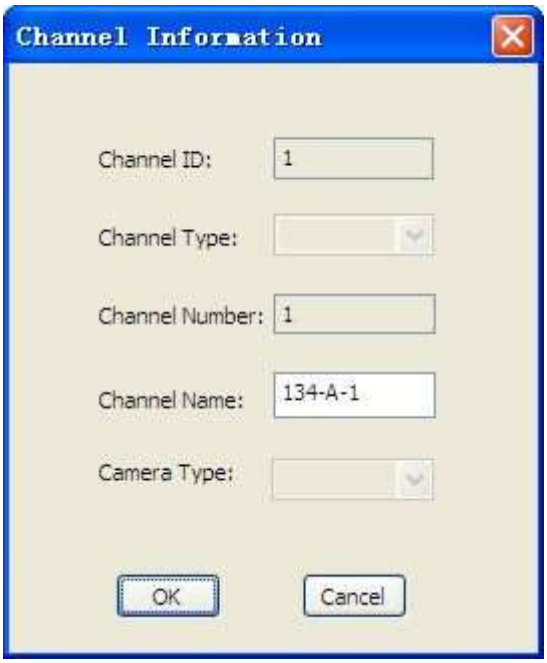

Diagram 5-20

5.3.2 EMAP

Click【Admin Config】then the【EMap】option to bring up the following interface:

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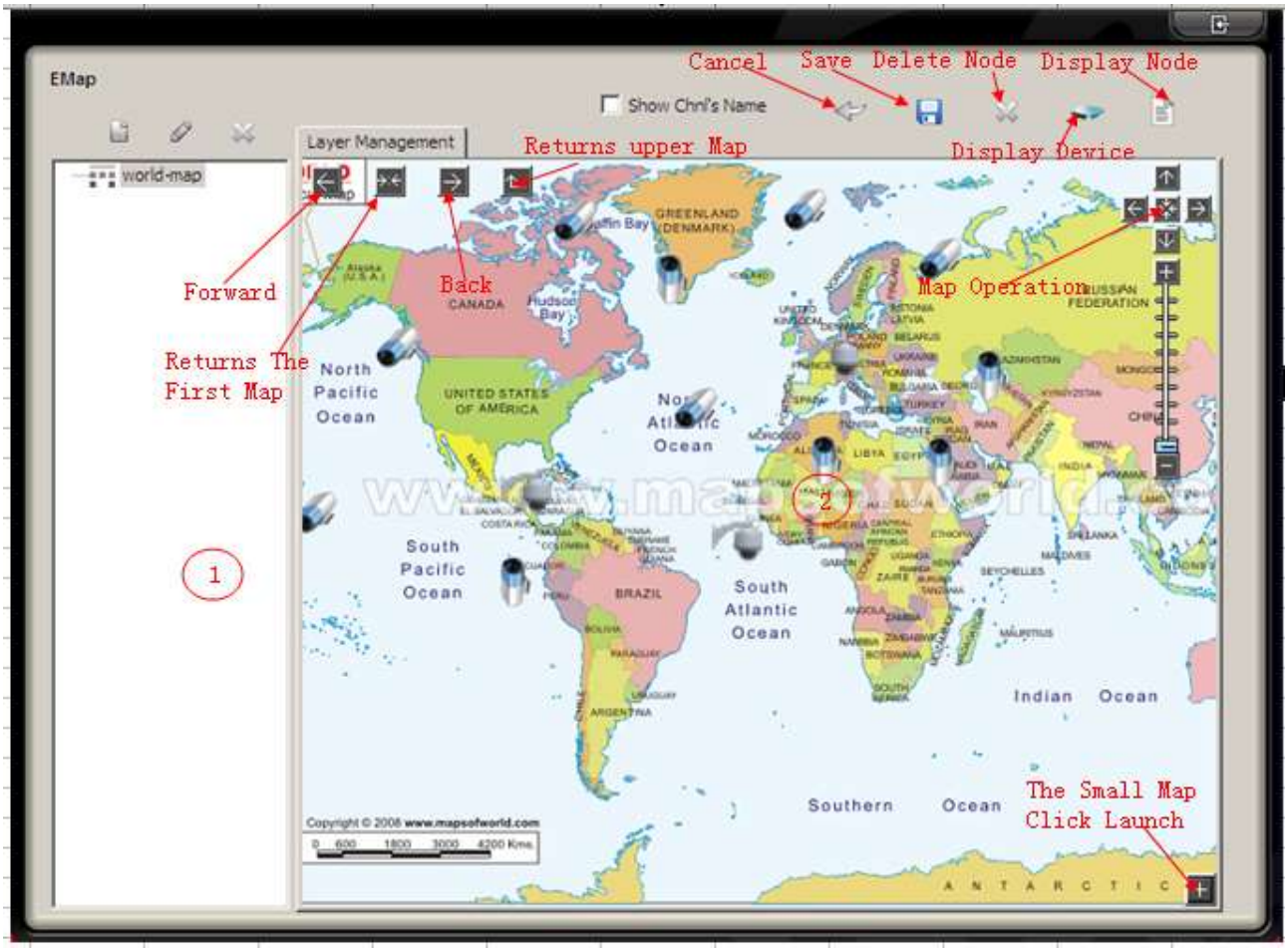

Diagram 5-21

Two parts:

① This section to the interface allows the user to manage the EMAP's content. This includes adding, modifying and deleting nodes.

② This is the map management & zoom screen. You can add cameras and alarms on to the map, and even drag or modify the map size.

- **Cancel** : delete the unsaved node on map
- **Save** : save the operations
- **Delete** : delete selected records or cameras on the map
- **Show device** : pops up the device list and so that you can drag the cameras or alarms on to the map, click to save the operation. (see "Diagram 5-22")

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Diagram 5-22

- **Show node** : show the nodes on map, see “Diagram 5-23”

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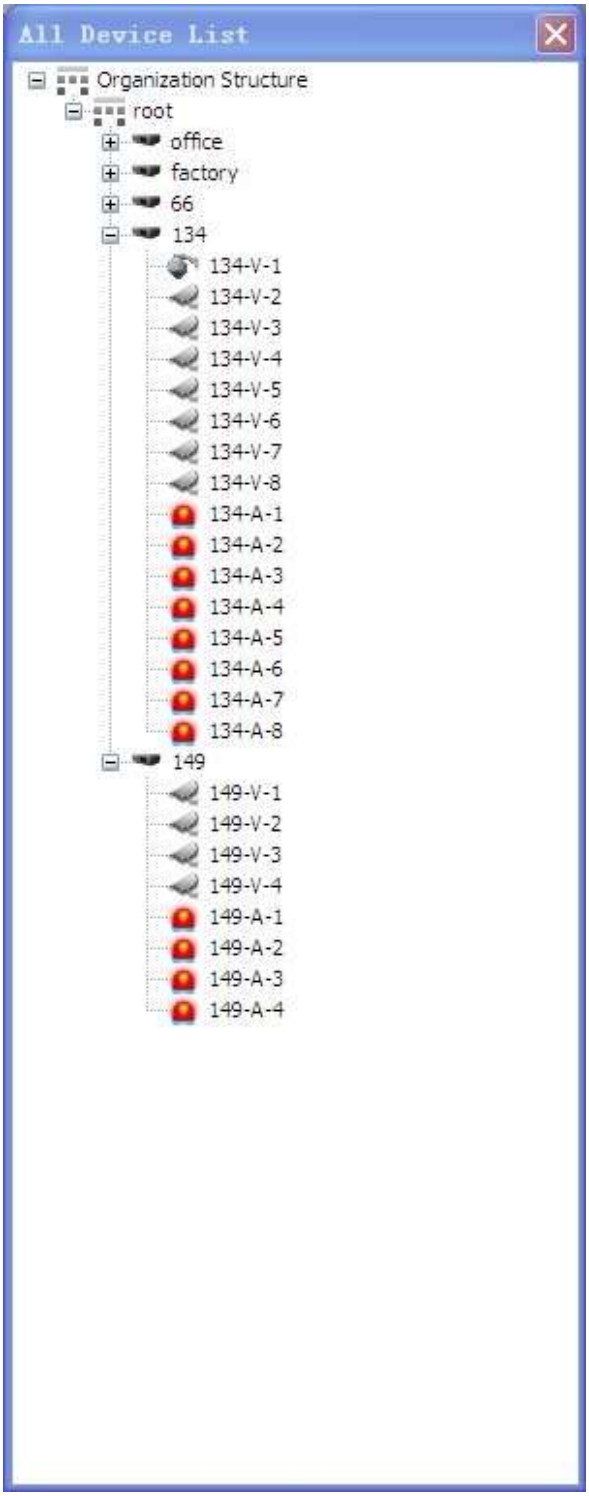

Diagram 5-23

- Tick/select the node you want to place on map.

- Click the '+' symbol on the lower right hand side to open the sub-map, you can position on the sub-map. (see "Diagram 5-24")

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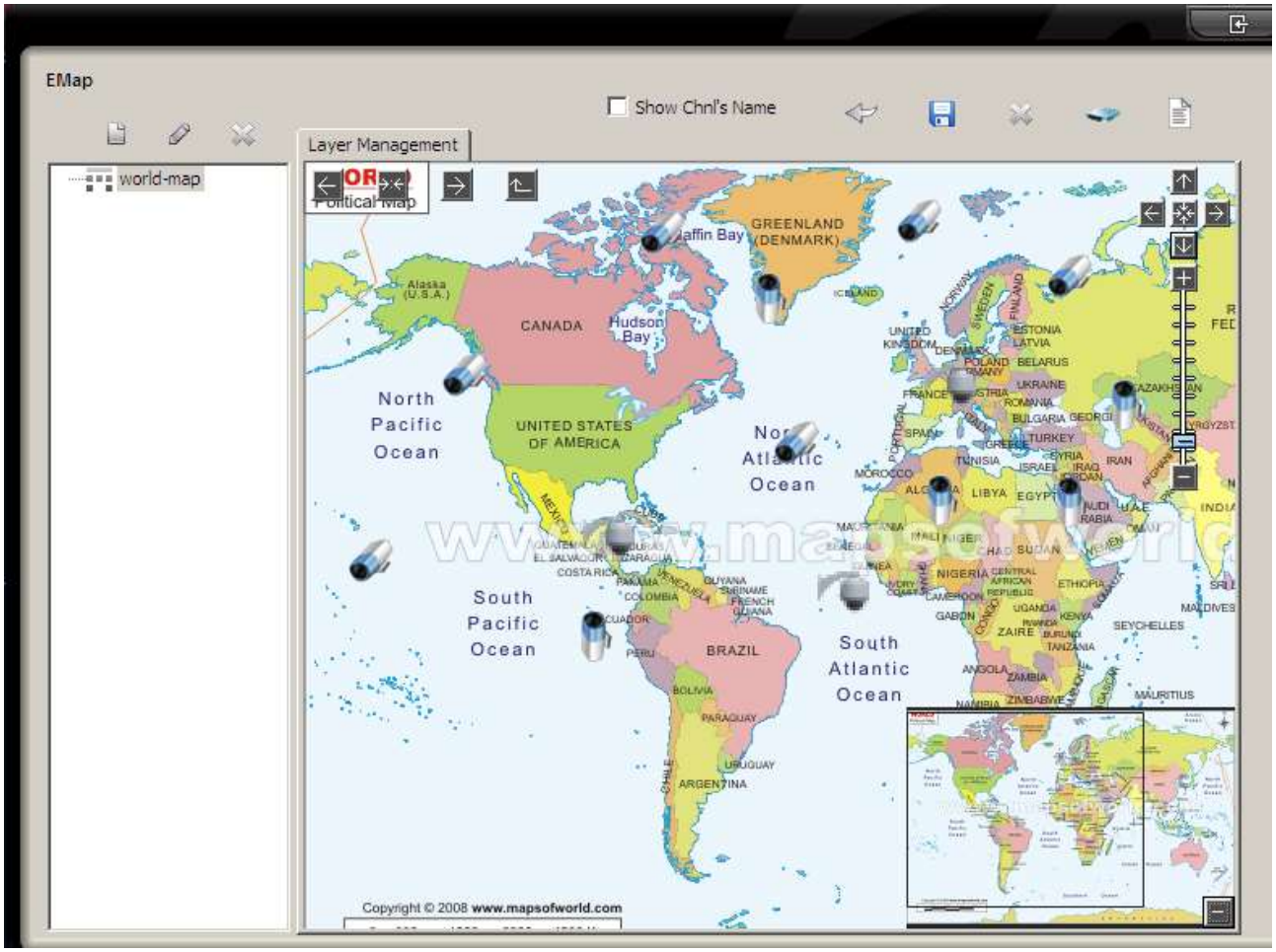

Diagram 5-24

5.3.3 SYSTEM

Click【System】to enter the interface as “Diagram 5-25”

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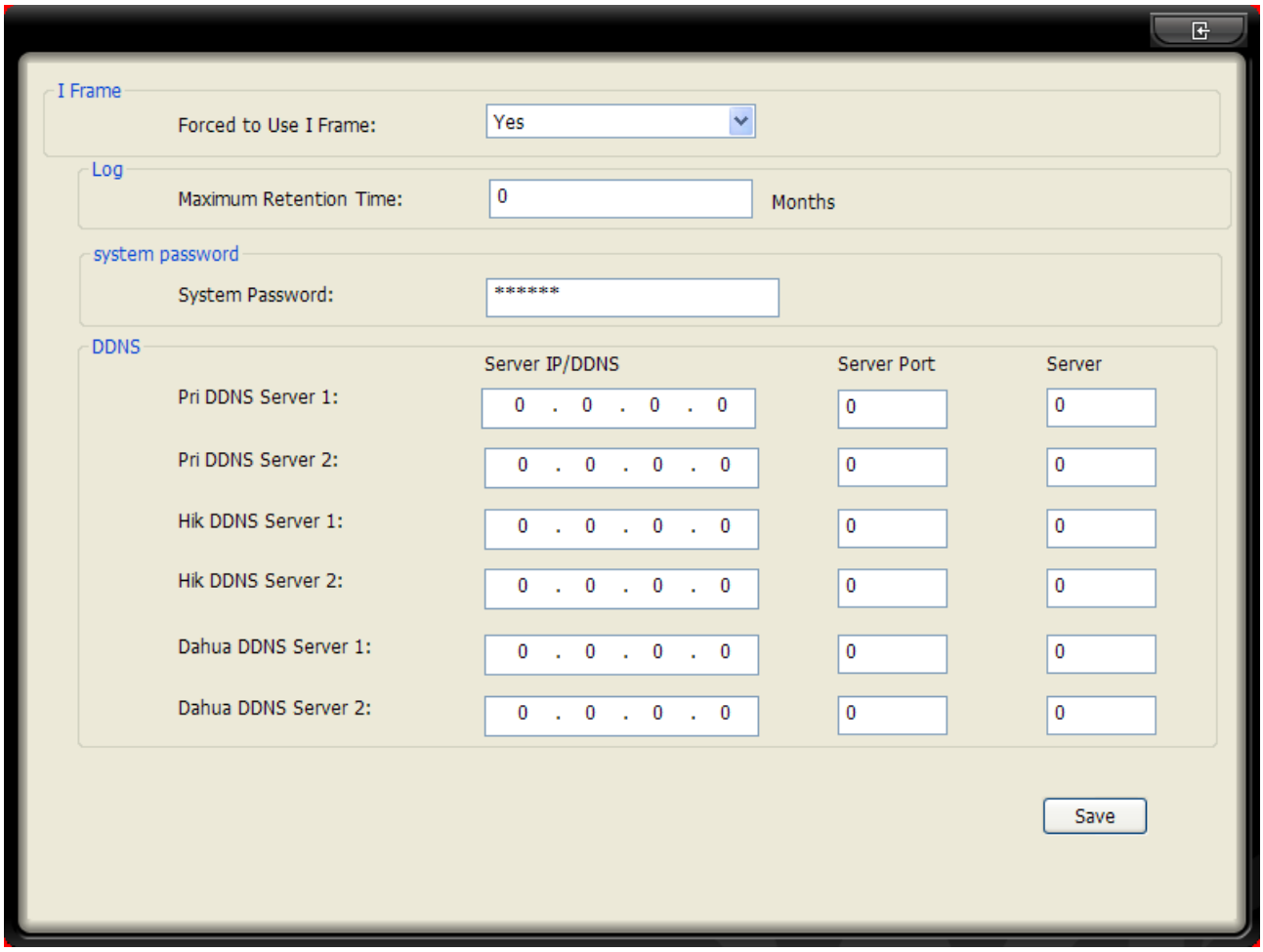

Diagram 5-25

Sections included within this option window include; I frame, log, authorization, password and DDNS in system management module, which is only shows when the “system” account login is used.

- **I Frame**: enable and insert a I frame when start live view or playback for improving image fluency.
- **Log**: log will be deleted when it exceeds the storage period limitation.
- **Password**: you can modify password; only when you are logged in as ‘System’ administrator only.
- **DDNS**: supports DDNS

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5.4 INPUT/OUTPUT

Input and output the data from the【SETTING】options like the local settings, admin config and log.

5.5 MODIFY PASSWORD

1. In the **[Modify Password]** interface, type in the old password and then type in the new password twice to modify (second time to confirm). Modify the system password in “Setting”—> “Admin Config”—> “System”—> “System Password”.

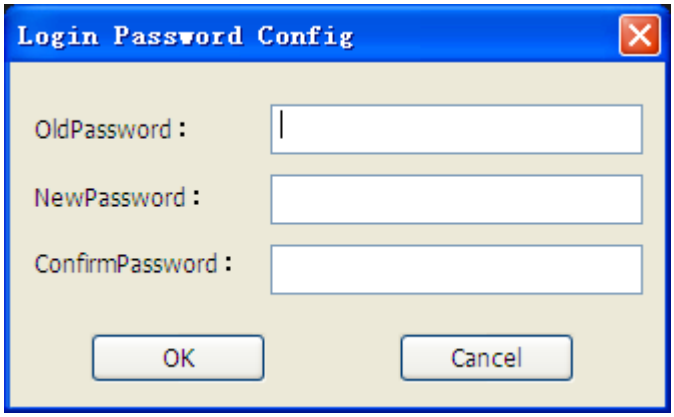

Diagram 5-26

2. Modify the authorization password by inputting the old password and typing in the new one twice to modify (second time to confirm). Modify the authorization password in Setting—>Admin Config—>System—>Authorization.

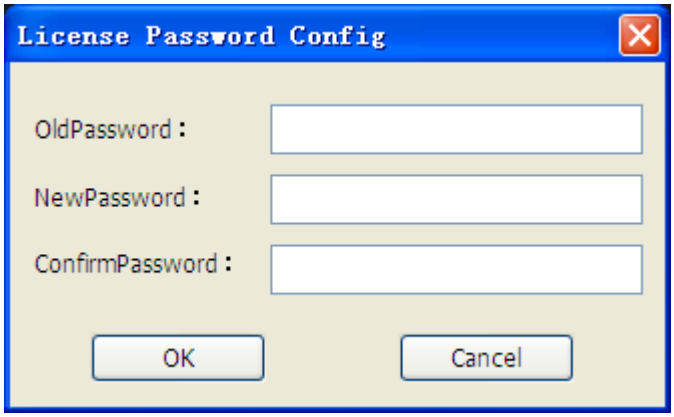

Diagram 5-27

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6 APPENDIX A

6.1 FAQ

Q: What does it mean when the prompt "Video Open Fail" shows in live view or tour mode?

A: Possible reasons:

1. The device has a system error and may have an internal system breakdown.
2. Network connection has failed – there may be a fault in the network.

Q: **P/T/Z camera cannot be controlled?**

A: Possible reasons:

1. Ensure the camera has a P/T/Z function
2. Enable the P/T/Z function
3. Configure the compatible protocol and address code, check the RS485 connections on both the camera and DVR/NVR device. Make sure the cable connections are using the correct "＋""—" ports.

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